



LACIE AIT LIBRARY USER'S GUIDE

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Changes

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Federal Communications Commission Radio Frequency Interference Statement (FCC)

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antennas.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the reseller or an experienced radio/TV technician for help.

Shielded cables and I/O cards must be used for this equipment to comply with the relevant FCC regulations. This device complies with Part 15 of the FCC

rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Canada Compliance Statement

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Manufacturer's Declaration for CE Certification

We, LaCie, solemnly declare that this product conforms to the following European standards:

Class B EN60950, EN55022, EN50082-1, EN60555-2

With reference to the following conditions:

73/23/EEC Low Voltage Directive

89/336/EEC EMC Directive

Health, Safety and General Use

Precautions

Always follow the basic precautions listed below to use your LaCie drive safely and correctly. Respecting these guidelines will help to avoid the possibility of personal injury to yourself or others, as well as to prevent damage to your device and other computer equipment. These precautions include, but are not limited to, the following:



Warning! *The standalone library weighs around 13.5 kg (29.8 lb.). At least two people are needed to move or lift the library. Make sure you install the rackmount library in the lowest possible location in the rack. For best results, use a rack with extension support legs.*

Health and Safety Precautions:

- Read this User's Manual carefully, and follow the correct procedure when setting up the device.
- Do not open your library or attempt to disassemble or modify it. Never insert any metallic object into the library to avoid any risk of electrical shock, fire, short-circuiting or dangerous emissions. Your library contains no user-serviceable parts. If it appears to be malfunctioning, have it inspected by qualified LaCie service staff.
- Never expose your device to rain or use it near water or in damp or wet conditions. Never place containers on it containing liquids that may spill into its openings. Doing so increases the risk of electrical shock, short-circuiting, fire or personal injury.
- Make sure that the computer and drive are electrically grounded. If the devices are not grounded, there is an increased risk of electrical shock.

General Use Precautions:

- Do not expose the drive to temperatures outside the range of 5° C to 45° C (41° F to 104° F). Doing so may damage the drive or disfigure its casing. Avoid placing your drive near a source of heat or exposing it to sunlight (even through a window). Inversely, placing your drive in an environment that is too cold or humid may damage the unit.
- Always unplug the library from the electrical outlet if there is a risk of lightning or if it will not be used for an extended period of time. Otherwise, there is an increased risk of electrical shock, short-circuiting or fire.
- Use only the power supply shipped with the device.
- Do not place heavy objects on top of the library or use excessive force on its buttons, connectors and tray. Doing so increases the risk of damage to the device.

- Always place your library in a horizontal position before using it. Otherwise, it may fall, causing damage to the device and/or corruption or loss of data.
- Protect your library from excessive exposure to dust during use or storage. Dust can build up inside the device, increasing the risk of damage or malfunction.
- Never use benzene, paint thinners, detergent or other chemical products to clean the outside of the library. Such products will disfigure and discolor the front panel and casing. Instead, use a soft, dry cloth to wipe the device.



Important Note: *The drive's warranty may be void as a result of the failure to respect the precautions listed above.*

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1. Introduction

1.1 Overview

Congratulations on your purchase of a new LaCie AIT Library. The LaCie AIT Library is an Advanced Intelligent Tape library with a built-in AIT drive. The unit can also be connected to, and used with, a workstation or server.

Up to 8 AIT cartridge volumes can be set. Cartridges can be replaced from the front panel. When the LaCie AIT Library is equipped with a bar code reader, bar code labels can be used to manage cartridges. The following types of cartridges can be used in this library:

- AIT3 Cartridge – records up to 1.6TB of data
- AIT2 Cartridge – records up to 0.8TB of data
- AIT1 Cartridge – records up to 0.56TB of data



Important Note: *The cartridges that can be used vary according to the type of built-in drive, and the memory capacity mentioned above assumes a data compression ratio of 2:1.*

The LaCie AIT Library Can Be Remotely Controlled

A browser can be used to configure individual settings. It can also be used to view library and maintenance information.

Wide LVD SCSI Compliant

The LaCie AIT Library is Wide LVD SCSI compliant.

Suitable For Rack Mounting

With the included rackmount kit included with the LaCie AIT Library, it can be installed into standard 19-inch racks.

Precautions

Always follow the basic precautions to use your LaCie AIT Library safely and correctly. Respecting these guidelines will help to avoid the possibility of personal injury to yourself or others, as well as to prevent damage to your device and other computer equipment. For a complete list of precautions, please see **Chapter 10. Health and Safety Precautions**, of this manual.

Warranty

LaCie and its suppliers accept no liability for any loss of data during the use of this device, or for any of the problems caused as a result. As a precaution, it is recommended that the tape media be tested after they have been written to. Under no circumstances do LaCie or its suppliers guarantee the reliability of the tape media used in this drive.

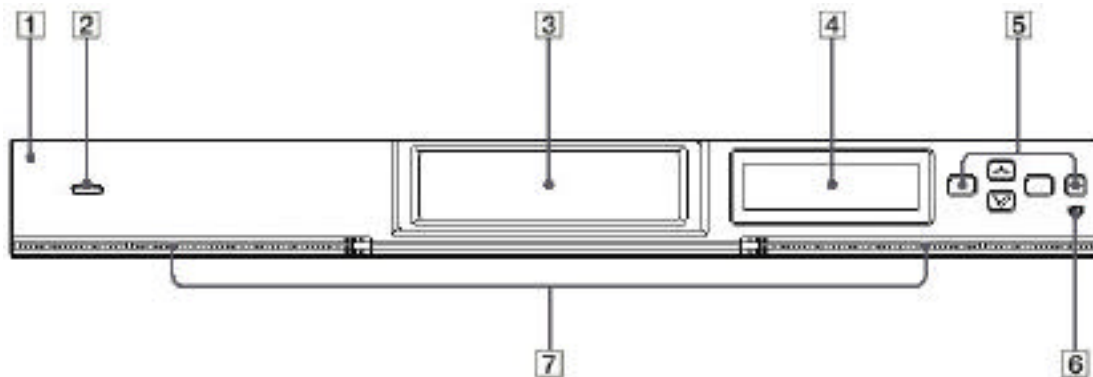
Manual Updates

LaCie is constantly striving to give you the most up-to-date, comprehensive User's Manuals available on the market. It is our goal to provide you with a friendly, easy-to-use format that will help you quickly install and utilize the many functions of your new device.

If your manual does not reflect the configurations of the product that you purchased, please check our Web site for the most current version available. You can access our manuals at: www.lacie.com/support/manuals.

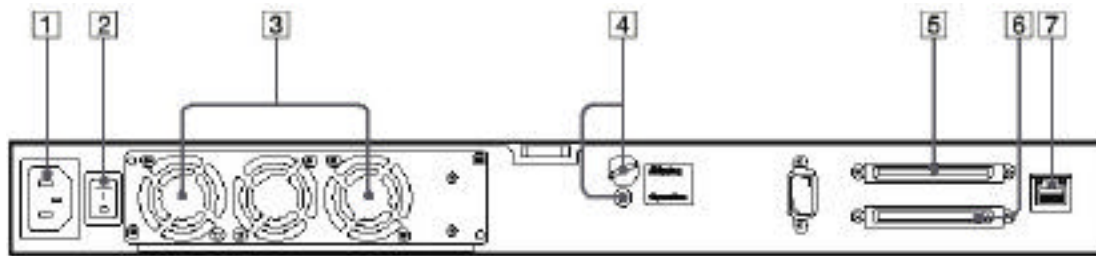
1.2 Product Features and Functions

1.2.1 Front



1 – Front Panel	
2 – Power Indicator LED	This LED light is on when the power is turned on.
3 – Cartridge Dock	Load and exchange cartridges in the cartridge dock. When the cartridge dock is specified using the control buttons, its shutter opens automatically. The library does not operate while the cartridge dock shutter is open, so close the shutter using the control buttons after loading or exchanging cartridges.
4 – Liquid Crystal Display	The LCD panel displays information such as operating status. When in normal standby state, it displays the status of the LaCie AIT Library.
5 – Control Buttons	These buttons are used to control operations through the Control Panel Menu.
6 – Error LED	This LED light is on when an error occurs.
7 – Ventilation Holes	Please be careful not to block the ventilation holes. If the ventilation holes are blocked, the LaCie AIT Library may overheat, resulting in fire or other damage.

1.2.2 Rear

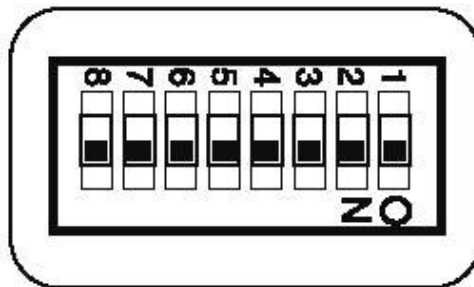


1 – Power Supply Connector	Plug the provided power cord into this connector.
2 – Power Switch	In order to turn on the library power, press this power switch. When this power switch is pressed to turn off the power, first perform the system shutdown procedure from the control panel, then press this power switch.
3 – Fan Unit	Please be careful not to block the ventilation holes. If the ventilation holes are blocked, the LaCie AIT Library may overheat, resulting in fire or other damage.
4 – Transport Switch	During installation, remove the transport screw and set it in the bottom hole (safe position). During transport, make sure that the transport screw is in the upper hole (transport position).
5 – SCSI Connector 1	For information about connecting the SCSI connectors, please refer to section 2.7 Connecting to the Host Computer and section 2.9 Connecting SCSI Peripheral Devices .
6 – SCSI Connector 2	For information about connecting the SCSI connectors, please refer to section 2.7 Connecting to the Host Computer and section 2.9 Connecting SCSI Peripheral Devices .
7 – LAN Connector	Connect a 10Base-T/100Base-TX network cable here.

1.2.3 Bottom

DIP Switches for Setup

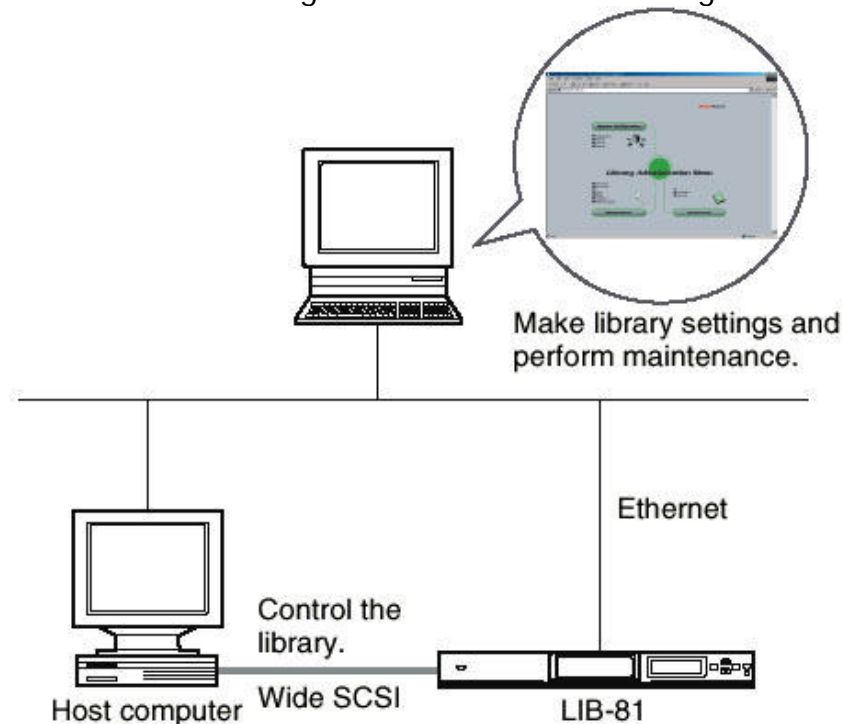
The default setting of the DIP switches is as follows. Use the DIP switches as is.



For details, please refer to section [2.8 Setting the DIP Switches](#).

1.3 System Structure

Generally, the library is connected to the host computer and used to control the library from the host computer. Also, you can connect the library to the network so that it can be configured and maintained through a browser.



Important Note: A SCSI host adapter card must be installed in the host computer.



Important Note: In order to configure and maintain the library through a browser, browser software must be installed in the computer. Operating Systems and browsers that are compatible with this library are as follows:

Operating Systems:

- Microsoft Windows 95, Microsoft Windows 98, Microsoft Windows Me, Microsoft Windows 2000, Microsoft Windows XP and Microsoft Windows NT Server 4.0

Browsers:

- Microsoft Internet Explorer 5.01 or later
- Netscape Communicator 4.7 or later

1.4 Cartridges

This section describes the cartridges used in the LaCie AIT Library.

1.4.1 AIT Cartridge

AIT cartridges for AIT3, AIT2 and AIT1 drives can be used in the LaCie AIT Library. To achieve the maximum transfer rate and recording capacity, use the optimum cartridges for the type of AIT drive installed. For information on recording capacities, refer to section [8.5 Hardware Specifications](#).

AIT-1 Drive



AIT-1 mark

AIT-2 Drive



AIT-1 mark



AIT-2 mark

AIT-3 Drive



AIT-1 mark



AIT-2 mark



AIT-3 mark



Warning! Do not use 8mm video tapes sold at stores. An 8mm video tape looks a lot like an AIT cartridge, but has different specifications. Do not use any other cartridges other than AIT cartridges.

1.4.2 Cleaning Cartridge

To clean the AIT drive, use an AIT Cleaning cartridge (sold separately). For information on cleaning, refer to section [5.3 Cleaning the AIT Drive](#).

1.5 Software

For guidance on application software that can be used with the LaCie AIT Library and supported operating systems, please contact your reseller or LaCie Technical Support.

1.6 Precautions

- In the cartridge slots, use the optimum cartridges for the type of AIT drive installed. Using cartridges other than an AIT cartridge may cause improper operations. For information about cartridges that can be used with the LaCie AIT Library, please refer to section **1.4 Cartridges**.
- Do not insert anything except AIT cartridges in the cartridge dock, as doing so may result in damage.

2. Installation

2.1 Overview

This chapter explains general procedures for positioning the LaCie AIT Library, connecting it to the host computer and turning on the library power. This chapter also explains initial setup. Installation and setup steps may vary depending on your system.

After turning on the power, make settings required to use the unit as explained in section [2.11 Initial Setup](#).

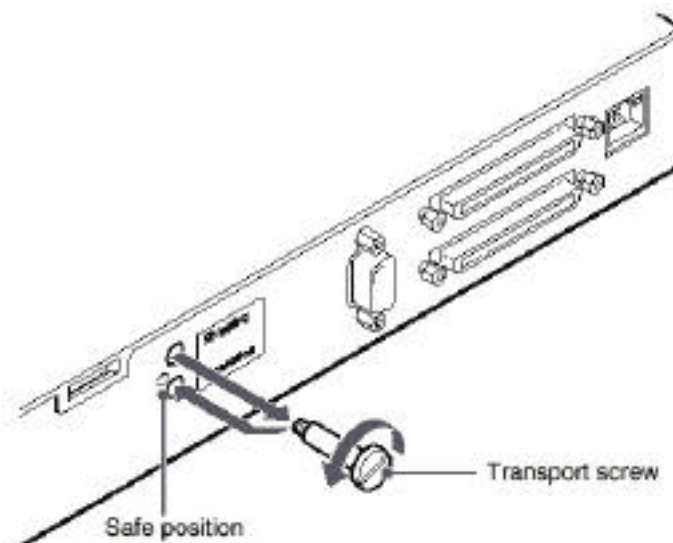
2.2 Unpacking



Important Note: *You will need the box, packing materials and transport screw if you wish to move or transport the LaCie AIT Library in the future. Retain them for future use.*

- 1) Remove the LaCie AIT Library from the box as indicated on the box.
Remove the packing materials, such as plastic covers and tape.
- 2) With a coin, remove the transport screw from the rear of the library and set it in the rear hole (safe position).

Remove the transport screw by turning it counterclockwise.



2.3 Checking the Package Contents

After opening the package, make sure that all of the following items are present. Contact your reseller or LaCie Technical Support if anything is missing.

- LaCie AIT Library, main unit (1)
- Power Cable (1)
- SCSI Terminator (1)
- Quick Start Guide (1)
- CD-ROM (this manual) (1)
- Safety Notice (1)



Important Note: *In addition to the above, other documentation and papers may also be included in the package.*

2.4 Preparing the Host Computer

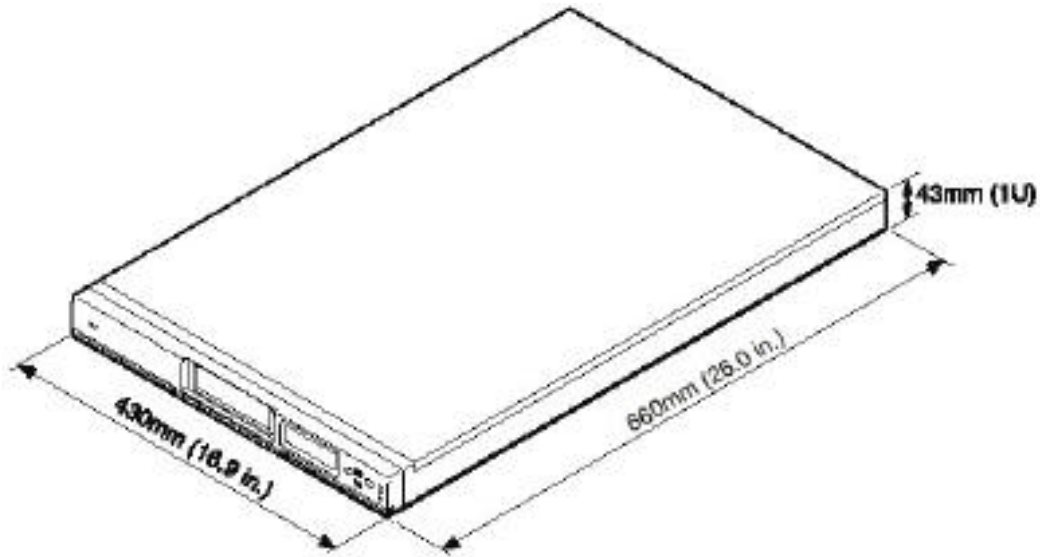
To prepare the host computer before installing the LaCie AIT Library:

- 1) Make sure that a SCSI host adapter card is installed in the host computer.
- 2) Install the application software supporting the library on the host computer.

For guidance on application software that can be used with the LaCie AIT Library and supported operating systems, please contact your reseller or LaCie Technical Support.

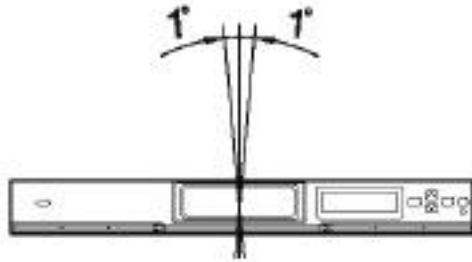
2.5 Installing the LaCie AIT Library

The library weighs about 13.5 kg (29.8 lb.) and has the following dimensions. Before installing the library, make sure that the surface on which you are placing it is large and strong enough.

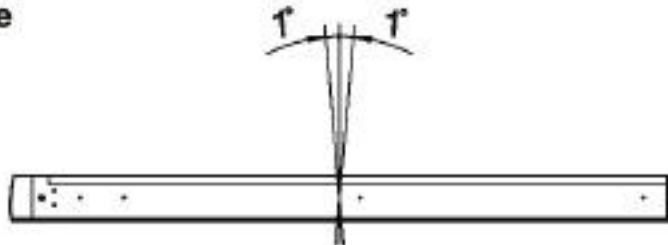


Also, set the library horizontally so that its front and sides are inclined by no more ± 1 degree in any direction.

Front



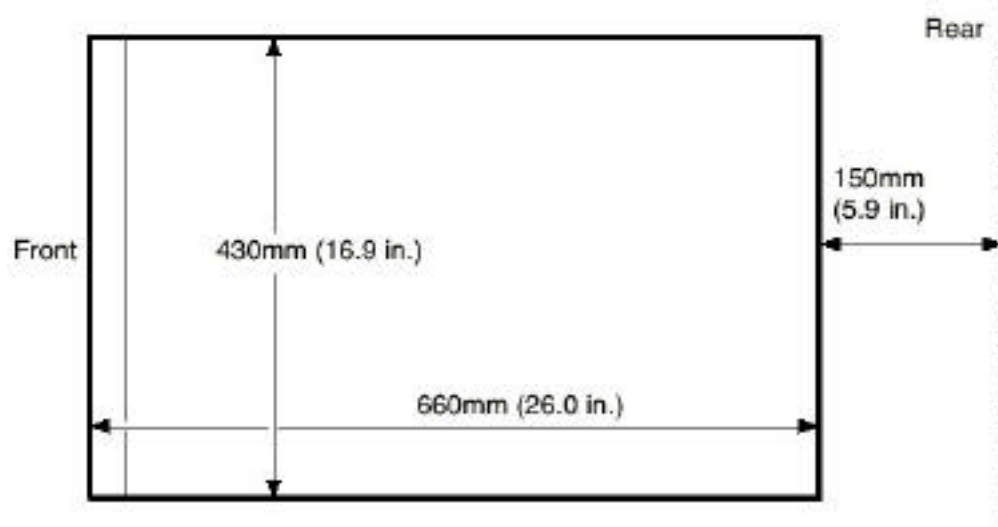
Side



With the included rack mounting kit, the LaCie AIT Library can be installed on an EIA Standard 19-inch rack.

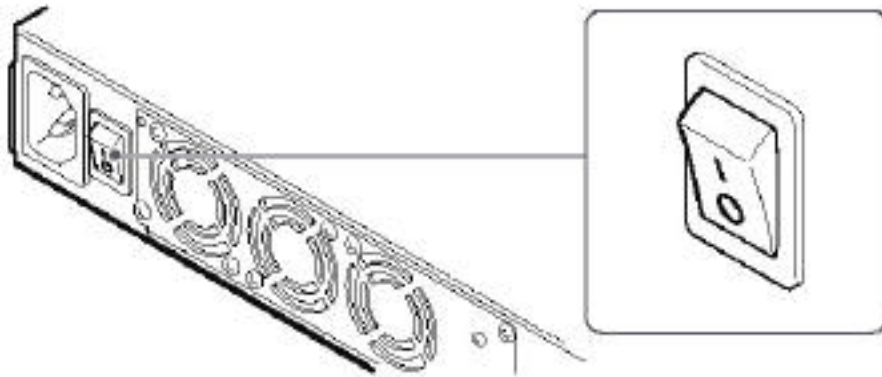


Important Note: *Install the LaCie AIT Library on a horizontal surface near an AC power outlet. Also, leave a gap of about 150mm (5.9in.) behind the rear of the unit to allow air to circulate.*

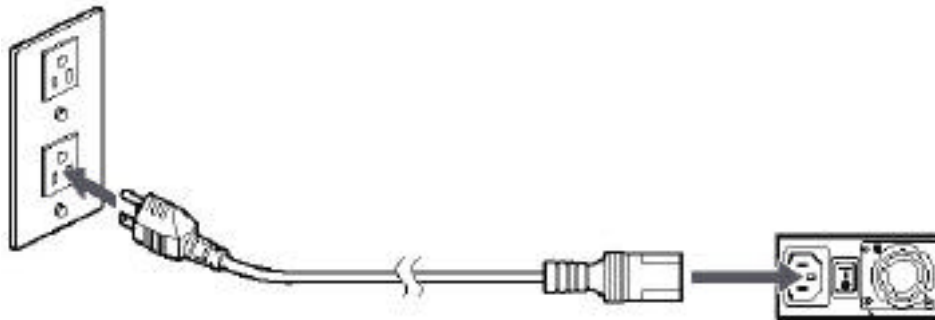


2.6 Connecting the Power Cable

1) Confirm that the power switch on the rear of the LaCie AIT Library is turned off (O is pressed).



2) Connect one end of the power cable to the power supply connector and the other end to the electric outlet.



2.7 Connecting to the Host Computer

Connect the LaCie AIT Library and the host computer with a SCSI cable. This section explains general connecting steps. To connect, use the Ultra2 Wide SCSI LVD cable. However, when using a model equipped with an AIT3 drive, use an Ultra160 SCSI LVD cable. The library side uses the 68-pin half pitch connector.

When connecting other SCSI devices together with the LaCie AIT Library, see section [2.9 Connecting SCSI Peripheral Devices](#).



Warning!

- *Do not connect the LaCie AIT Library to the HVD (High Voltage Differential) SCSI bus. If connected, the library or other devices on the SCSI bus may be damaged.*
- *When connecting the Wide SCSI cable, turn off all of the connecting devices, including the LaCie AIT Library and the host computer.*
- *When connecting the LaCie AIT Library as the last device on the SCSI bus, be sure to attach the provided terminator.*
- *In LVD (Low Voltage Differential) SCSI, make the total length of the SCSI cable (internal and external), which connects the host computer and the device at the end of the SCSI bus, shorter than 12 meters (39ft. 4.4in.). (The length of the LaCie AIT Library internal cable is 2 meters (78.7in.)).*
- *Using SCSI cables longer than 30cm (11.8in.) to connect between devices is recommended.*
- *SCSI cables cannot be branched.*



Important Note:

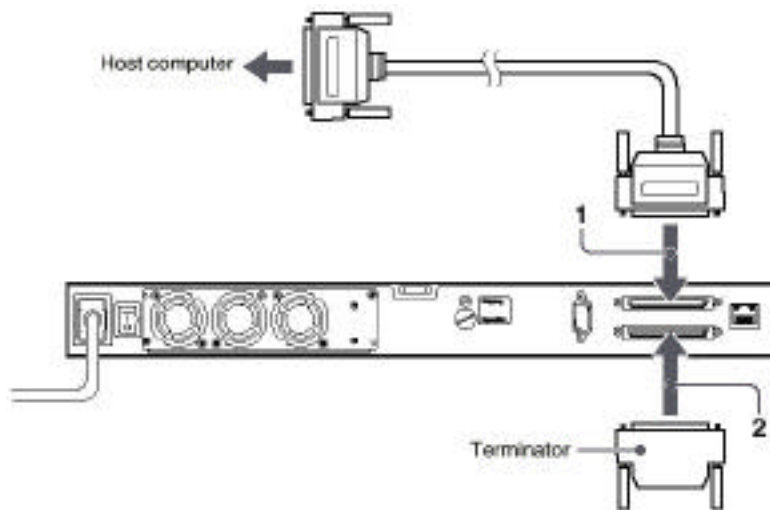
- *For information about the SCSI bus, refer to section [8.7 SCSI Specifications](#).*
- *Prepare the necessary SCSI cables. For information about SCSI cable specifications, refer to section [8.6 SCSI Cable and Terminator Specifications](#).*

1) Confirm that the power to the host computer and LaCie AIT Library are turned off.

2) Attach the SCSI cable and terminator as shown in the next figure.

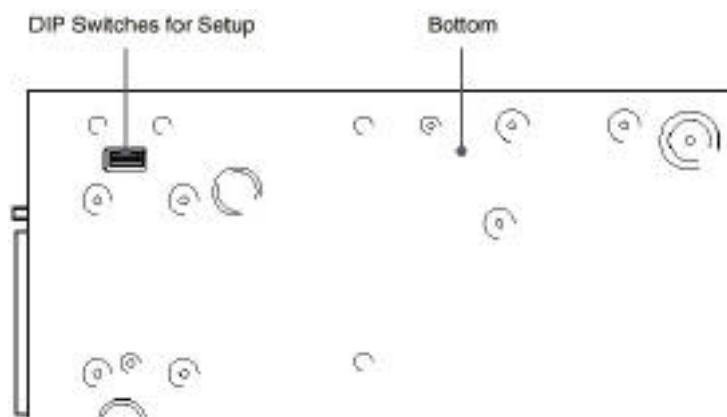
A) Use a SCSI cable to connect the LaCie AIT Library to the host computer.

B) Attach the provided terminator to connector.

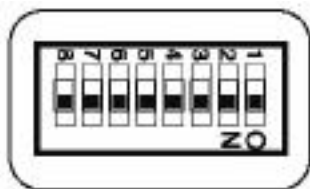


2.8 Setting the DIP Switches

DIP switch settings determine whether electric power is supplied to the SCSI terminator (when multiple SCSI devices are connected).



The default factory setting of the DIP switches is as follows:



1-7: On

Used for expansion purposes

8: On

ON: SCSI TERM POWER ON

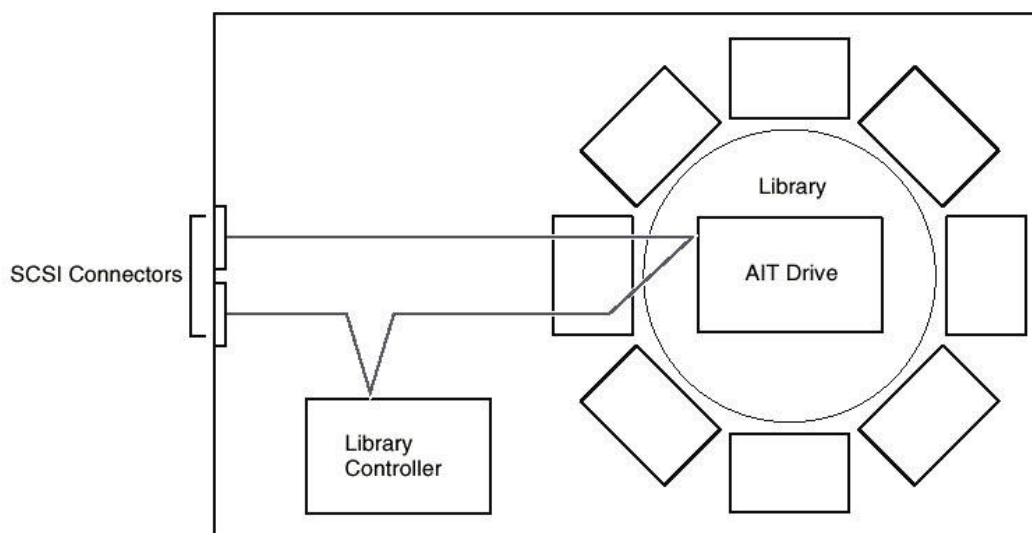
OFF: SCSI TERM POWER OFF

To set the DIP switches:

- 1) Press the power switch to turn off the power.
- 2) Use a pointed object such as a machinist's screwdriver to change the settings of the DIP switches.
- 3) Press the power switch to turn on the power.

2.9 Connecting SCSI Peripheral Devices

SCSI peripheral devices can be connected to the SCSI connectors to the LaCie AIT Library. The SCSI configuration of the library is as shown below. Connect the devices according to the system environment.



Important Note: *The default factory settings of the SCSI IDs are as follows:*

- Library: 0
- AIT Drive: 1

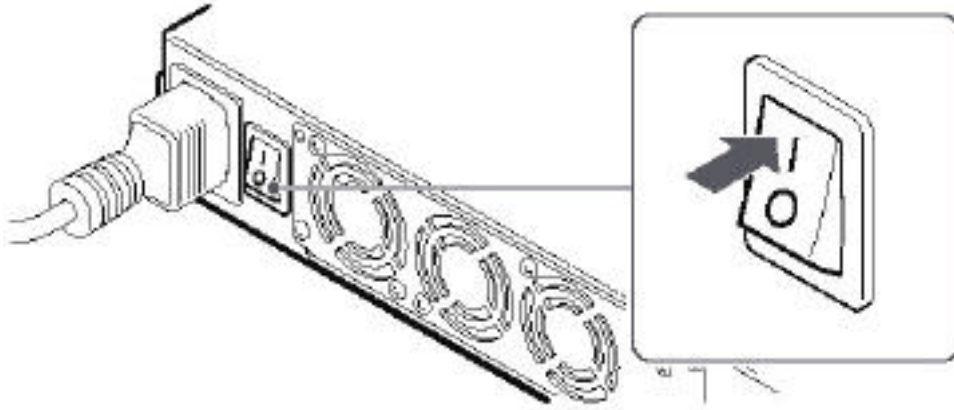
Do not use repetitive SCSI IDs.

2.10 Turning the Power On/Off

Turn the Power On

Turn on the LaCie AIT Library power, then turn on the host computer power.

- 1) Press the power switch on the rear of the library.



The message on the right appears and startup process begins (Startup takes several minutes).

```
Initialize 10
Inventory
```

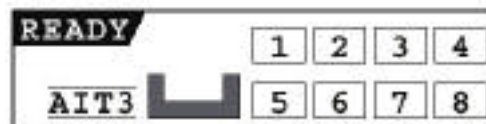
When the startup process ends, the library enters the time setting mode.

```
Jan/01/2001 12:00:00
[ENTER] to set the
          Date and Time
[CANCEL] to exit
```

- 2) If you want to change the date and time, press the [ENTER] button. If you do not want to make changes, press the [CANCEL] button.

For details about the date and time settings, see section [2.11.1 Setting the Date and Time](#).

Once the library is started, the message to the right appears.



- 3) After pressing the standby switch on the library's front panel, wait at least 10 seconds before turning on the host computer.

When using DHCP, wait at least 30 seconds.

Then, go to section [2.11 Initial Setup](#).



Important Note: *If you start the host computer before the library, the SCSI ID is not detected correctly. Therefore, you must always start the library before starting the host computer. If the library does not work as above, refer to section [8.3 Troubleshooting](#).*

Turn the Power Off

Before turning off the library, perform the system shutdown procedure from the control panel. When you have performed the procedure, you can turn off the library.

1) At the status display, press the [MENU] button for two seconds.

2) Press the ▼ button to select “9. System Down”, then press the [ENTER] button.

```
Menu 12:34
7.Tape Inventory
8.Password
9.System Down
```

3) Select “2.Shutdown”, then press the [ENTER] button.

```
System Down 12:34
1.Reset
2.Shutdown
```

4) When “[ENTER] to activate” appears, press the [ENTER] button.

```
Shutdown

[ENTER] to activate
```

The system performs the shutdown procedure.

```
Shutdown
*** Wait a minute ***
```

5) When the message to the right appears, turn off the library by pressing the power switch on the rear.

```
Ready for shutdown
Press the power
switch on the rear
of the Library
```



Important Note: *Even though pressing the rear power switch can turn off the library power, following the above steps is recommended. To avoid pressing the control buttons by accident, you can disable the control buttons. For information on how to disable the switch, refer to section [3.8 Disabling the Buttons on the Front Panel](#). After turning the LaCie AIT Library power off, wait at least 10 seconds before turning it on again.*

2.11 Initial Setup

Once the library has started, perform the initial setup as follows:

- 1) Set the date and time (section [2.11.1 Setting the Date and Time](#)).
- 2) Set the SCSI IDs of the LaCie AIT Library and AIT drives if necessary (section [2.11.2 Setting the SCSI ID](#)).
- 3) Set the cartridges (section [2.11.3 Setting the Cartridges](#))
- 4) Configure the application programs on the host computer for use with the unit.

Follow the instructions given in the application software manual to set up the software for the library.

- 5) Connect to a network if necessary (section [2.11.4 Connecting to the Network](#))

2.11.1 Setting the Date and Time

Use the Configuration Menu of the control panel to set the date and time.



Important Note: *The date and time can also be set through a browser. The date and time cannot be updated when the LaCie AIT Library is off.*

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button four times to select "5.Configuration", then press the [ENTER] button.

3) Select "1.Date & Time", then press the [ENTER] button.

```
Configuration    12:34
1.Date & Time
2.Warning
3.Barcode
```

Date and Time appears.

```
Jan/01/2001    12:00:00
Japan
(GMT+ 9:00)
```

4) Set the month, day and year.

A) When the month digits flash, use the ▼ and ▲ buttons to set the month, then press the [ENTER] button.

B) When the day digits flash, use the ▼ and ▲ buttons to set the day, then press the [ENTER] button.

C) When the year digits flash, use the ▼ and ▲ buttons to set the year, then press the [ENTER] button.

5) Set the hour, minute and second.

A) When the hour digits flash, use the ▼ and ▲ buttons to set the hour, then press the [ENTER] button.

B) When the minute digits flash, use the ▼ and ▲ buttons to set the minute, then press the [ENTER] button.

C) When the second digits flash, use the ▼ and ▲ buttons to set the second, then press the [ENTER] button.

6) When the country flashes, use the ▼ and ▲ buttons to set the country, then press the [ENTER] button.

7) When "[ENTER] to activate" appears, press the [ENTER] button.

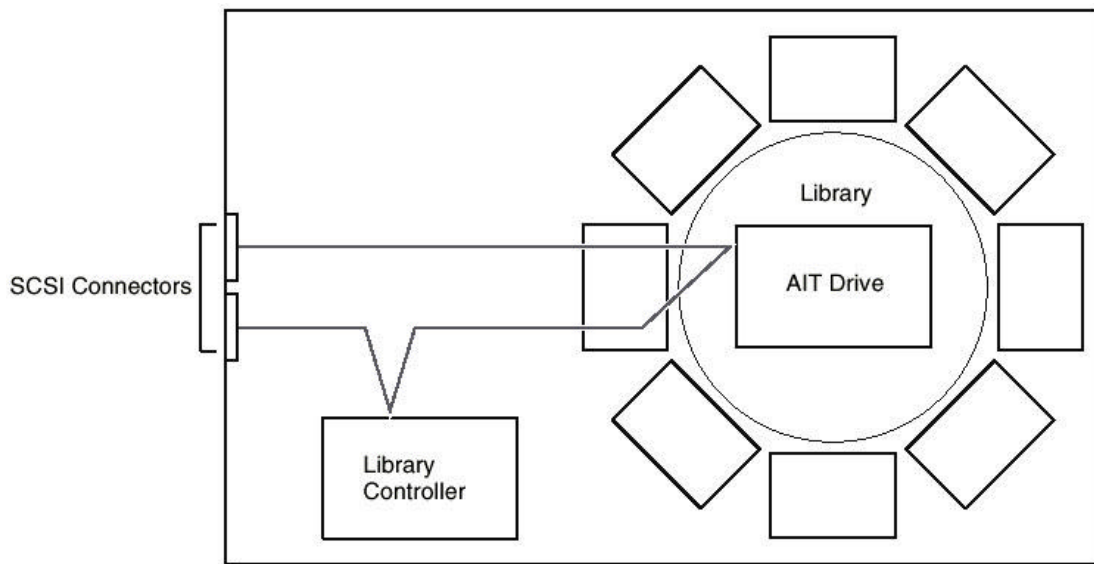
```
Jan/01/2001    12:00:00
Japan
(GMT+ 9:00)
[ENTER] to activate
```

The date and time and the country are now set. The display returns to the menu.

8) Press the [CANCEL] button twice to return to the status display.

2.11.2 Setting the SCSI ID

Use the SCSI Menu of the control panel to set the SCSI IDs and SCSI parity of the LaCie AIT Library and AIT drives.



About SCSI ID

For each SCSI bus, a unique SCSI ID must be set for the LaCie AIT Library and AIT drives. The default factory settings of SCSI IDs are as follows:

- Library: 0
- AIT Drive: 1

About SCSI Parity

When the SCSI parity function is enabled, parity checks are performed on all data passing through the SCSI bus. The factory default settings for SCSI parity are as follows:

- Library: Enabled (YES)
- AIT Drive: Enabled (YES)



Warning! *Do not duplicate SCSI IDs.*



Important Note: *The SCSI IDs can also be set through a browser.*

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button three times to select "4.SCSI", then press the [ENTER] button.

3) Set the SCSI ID and SCSI parity of the library.

	ID	Parity
Library	01	YES
Drive	02	YES

A) When the "ID" of "Library" setting flashes, use the ▼ and ▲ buttons to set the SCSI ID, then press the [ENTER] button.

B) When the "Parity" setting flashes, use the ▼ and ▲ buttons to set the SCSI parity, then press the [ENTER] button.

Select "Yes" to enable the SCSI parity function.

4) In the same manner, set the AIT drive.

5) When "[ENTER] to activate" appears, press the [ENTER] button.

	ID	Parity
Library	01	YES
Drive	02	NO
[ENTER] to activate		

6) When "[ENTER] to reset" appears, press the [ENTER] button.

Warning	12:34
Reboot the system to activate the setting	
[ENTER] to reset	

The system reboots.

2.11.3 Setting the Cartridges

Prepare a cartridge and set it to the LaCie AIT Library.

Preparing the Cartridge

Affix bar codes labels and check the cartridge erase-protection tab as necessary. Prepare the cartridge for use. When the LaCie AIT Library is equipped with a bar code reader, you can manage cartridges with bar code labels.



Important Note: *The type of bar code label is fixed to "CODE39". This setting cannot be changed.*

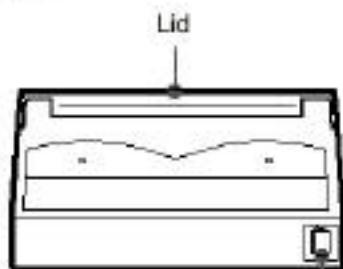
1) Affix bar code labels as necessary.

Squarely affix the bar code label in the position shown in the figure below, orienting it so that the numbers are at the top.



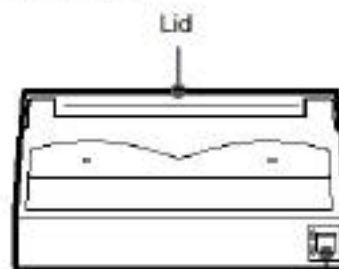
2) Check whether the erase-protection tab is set to the write-enabled position. If the tab is orange, data can be written to the cartridge.

AIT-1



If the tab is moved to the left, data can be written to and erased from the cartridge. ⇐
If the tab is moved to the right, data cannot be written or accidentally erased from the cartridge. ⇒

AIT-2, AIT-3



If the tab is lowered, data can be written to and erased from the cartridge. ↓
If the tab is raised, data cannot be written to or accidentally erased from the cartridge. ↑

Setting the Cartridge

Set the cartridge into the LaCie AIT Library. When setting the cartridge, specify the slot by its element address. For information about element addresses, refer to section [3.9 Assigned Element Addresses](#).

1) At the status display, press the [MENU] button for two seconds.

2) Press the ▼ button once to select "2.Eject/Insert", then press the [ENTER] button.

"Eject/Insert" appears.

3) Select "3.Insert Into Library", then press the [ENTER] button.

```
Eject/Insert    12:34
1.Eject From Library
2.Eject From Drive
3.Insert Into Library
```

4) Select the cartridge insertion method, then press the [ENTER] button.

```
Insert          12:34
1.Single Mode
2.Multiple Mode
```

- When you want to specify a slot and insert the cartridge in it, select "1.Single Mode".
- When you want to insert several cartridges consecutively, select "2.Multiple Mode". In this case, you only need to specify the first slot.

5) Use the ▼ and ▲ buttons to set the element address of the slot where the cartridge is going to be set, then press the [ENTER] button.

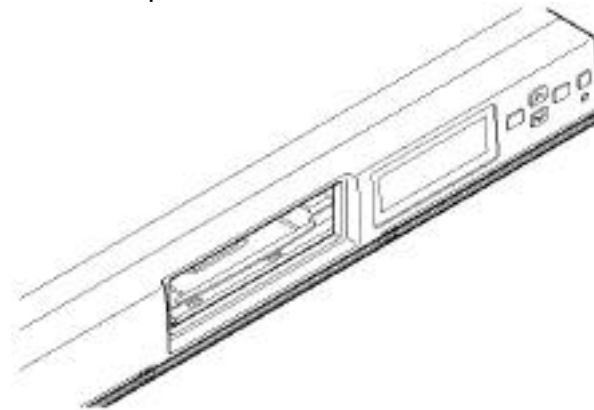
```
Slot  01
```

6) When "[ENTER] to activate" appears, press the [ENTER] button.

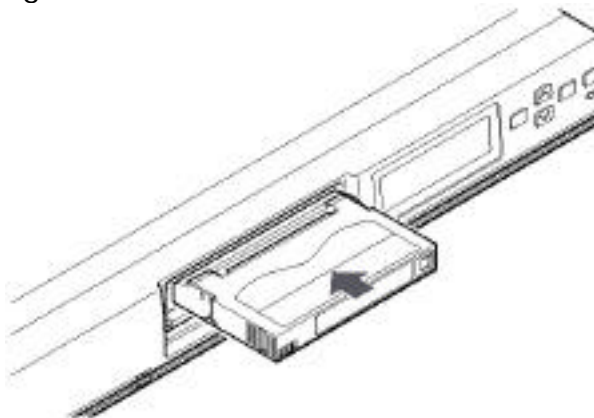
```
Slot  01

[ENTER] to activate
```

The cartridge dock shutter opens..



7) Insert the cartridge in the slot. Be sure to inset it all the way.



8) If you selected "1.Single Mode" in step 4, press the [CANCEL] button.

```
Slot 01
Insert Tape
[CANCEL] to exit
```

9) If you selected "2.Multiple Mode" in step 4, perform the following depending on the number of open slots.

Two or more open slots

The slot moves to the next one. When it stops, insert another cartridge and press the [ENTER] button again. Repeat until all the cartridges are inserted, then press the [CANCEL] button.

A) Insert a cartridge and press the [ENTER] button.

B) The slot moves to the next. Insert another cartridge in the same

```
Insert Tape Slot 01
Next Slot 02
[CANCEL] to exit
[ENTER] to next slot
```

manner and press the [ENTER] button.

When you press the [ENTER] button, the slot moves to the next.

- C) Repeat until all the cartridges are inserted, and then press the [CANCEL] button.

Only one open slot

The element address of the front slot appears on the first line.
(Nothing appears on the second line.)

- A) Insert a cartridge and press the [CANCEL] button.

```
Insert Tape Slot 01
[CANCEL] to exit
```



Warning! *Do not put your fingers in the slot when it is moving, as this could result in injuries.*

- 10) When "[ENTER] to activate" appears, press the [ENTER] button.

If you selected "1.Single Mode" in step 4, the display on the right appears.

```
Slot 01
Exit ?

[ENTER] to activate
```

If you selected "2.Multiple Mode" in step 4, the display on the right appears.

```
Insert Tape Slot 01
Exit ?

[ENTER] to activate
```

The shutter closes and the initialization is performed.

```
Slot 01

Initializing
```

- 11) When the initialization ends, press the [CANCEL] button three times to return to the status display.

2.11.4 Connecting to the Network

If the LaCie AIT Library is connected to the network, a browser can be used to configure the library and view status information.

Connect the LaCie AIT Library to the network as follows:

- 1) Setup the network.
- 2) Connect a network cable.
- 3) Access the library from a browser.



Important Note: *For information about how to use the browser to configure individual settings and view status information, refer to [6.2 Library Administration Menu](#).*

In order to configure and maintain the library through a browser, browser software must be installed in the computer. Operating systems and browsers that are compatible with this library are as follows:

Operating systems:

Microsoft Windows 95, Microsoft Windows 98, Microsoft Windows Me, Microsoft Windows 2000, Microsoft XP and Microsoft Windows NT Server 4.0

Browsers:

*Microsoft Internet Explorer 5.01 or later
Netscape Communicator 4.7 or later*

Setting the Network

In order to connect to the network, use the Network Menu of the control panel to configure the necessary settings, such as the IP address setting.



Important Note: *After connecting to the network, a browser can be used to change network settings.*

The LaCie AIT Library does not support DNS (the [DNS] setting of the Network Menu is not supported).

You can obtain the LaCie AIT Library's MAC address from the Network Menu.

- 1) At the status display, press the [MENU] button for two seconds.

- 2) Press the ▼ button five times to select "6.Network", then press the [ENTER] button.

Menu	12:34
4.SCSI	
5.Configuration	
6.Network	

"Network" appears.

- 3) When you want to set the host name, select "1.Host", then press the [ENTER] button.

Network	12:34
1.Host	
2.Domain	
3.IP Address	

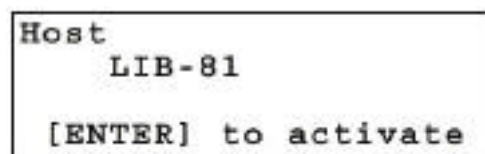
4) When the "Host" setting flashes, set the host name.



If no setting has been made, a flashing rectangle appears.

- In order to change the host name, use the ▼ button, the ▲ button, the [ENTER] button and the [CANCEL] button to enter the new host name, then press the [ENTER] button. First, make sure that the same host name does not exist in the same network, then enter the host name.
 - Enter the host name up to 63 alphanumeric characters and symbols (- .).
 - To delete a character, use space (" ").

5) When [[ENTER] to activate?] appears, press the [ENTER] button.



The display returns to [Network].

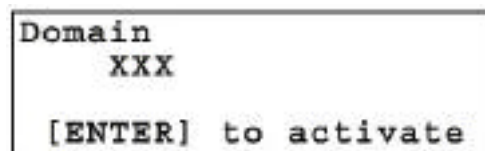
6) When you want to set the domain name, select "2.Domain", then press the [ENTER] button.

7) When the "Domain" setting flashes, set the domain name.

If no setting has been made, a flashing rectangle appears.

- In order to change the domain name, use the ▼ button, the ▲ button, the [ENTER] button and the [CANCEL] button to enter the new host name, then press the [ENTER] button.
 - Enter the host name up to 63 alphanumeric characters and symbols (- .).
 - To delete a character, use space (" ").

8) When [[ENTER] to activate?] appears, press the [ENTER] button.



The display returns to [Network].

9) When you want to set the IP address, select "3.IP Address", then press the [ENTER] button.

- Select "YES" to use the IP address assigned to the DHCP server. Then proceed to step 12.
- Select "NO" to use the fixed IP address. Then proceed to step 10.

10) When the "IP" setting flashes, use the ▼ button, the ▲ button, the [ENTER] button and the [CANCEL] button to set the IP Address, then press the [ENTER] button.

11) When the "Mask" setting flashes, use the ▼ button, the ▲ button, the [ENTER] button and the [CANCEL] button to set the subnet mask, then press the [ENTER] button.

12) When [[ENTER] to activate?] appears, press the [ENTER] button.

```
DHCP YES
IP      000.000.000.000
Mask 000.000.000.000
[ENTER] to activate
```

The display returns to [Network].

13) When you want to set the default gateway, select "5.Gateway", then press the [ENTER] button.

14) When the "Gateway" setting flashes, use the ▼ button, the ▲ button, the [ENTER] button and the [CANCEL] button to set the IP address for the default gateway, then press the [ENTER] button.

15) When the [[ENTER] to activate?] appears, press the [ENTER] button.

```
Gateway
      000.000.000.000
[ENTER] to activate
```

The display returns to [Network].

16) When you want to obtain the MAC address, select "6.MAC Information", then press the [ENTER] button.

```
MAC Address
00-00-00-00-00-00
```

The MAC address is displayed.

17) Press the [CANCEL] button twice to return to the status display.

18) Press the ▼ button three times, select "9.System Down", then press the [ENTER] button.

```
Menu 12:34
7.Tape Inventory
8.Password
9.System Down
```

19) Select "2.Shutdown", then press the [ENTER] button.

```
System Down 12:34
1.Reset
2.Shutdown
```

20) When "[ENTER] to activate" appears, press the [ENTER] button.

Shutdown
[ENTER] to activate

The system performs the shutdown procedure.

Shutdown
*** Wait a minute ***

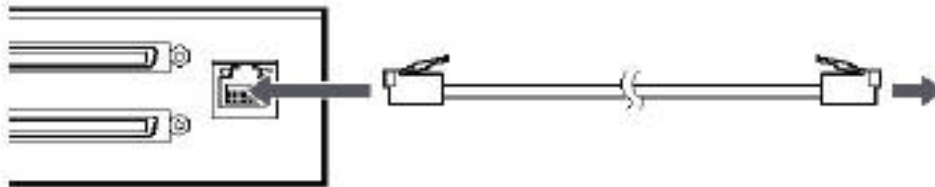
21) When the message on the right appears, turn off the library by pressing the power switch on the rear.

Ready for shutdown
Press the power
switch on the rear
of the Library

Connecting a Network Cable

When the network settings are done and the library turned off, connect the network cable.

1) Connect a network cable from the hub to the Ethernet connector on the library.



2) Turn on the library power.

Accessing the LaCie AIT Library From a Browser

Use a browser to check whether the library is connected to the network.

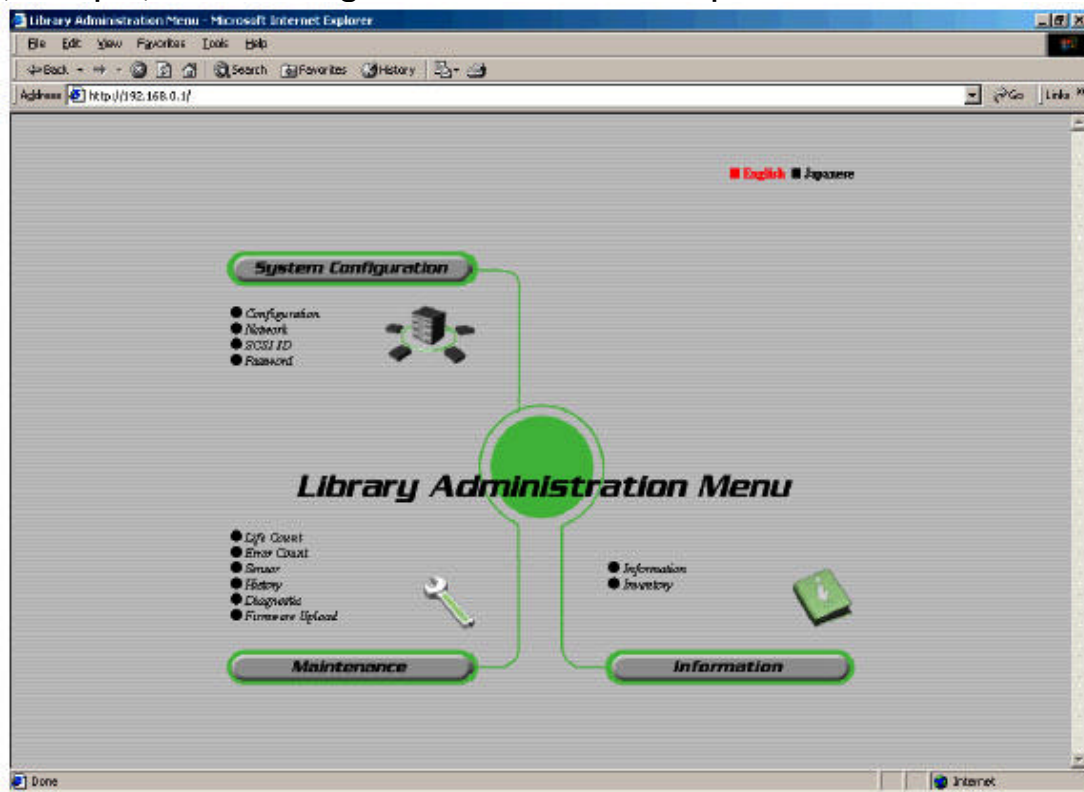
1) Launch a browser on a client computer.

2) Enter `http://xxx.xxx.xxx.xxx/` in the "Address" or "Location" field. For "xxx.xxx.xxx.xxx", enter the IP address set in the library.
(i.e. 192.168.0.1)



Important Note: *If the IP address assigned by a DHCP server is being used, enter the current IP address in the "Address" field of the browser. The current IP address can be checked with [IP Address] of the Network Menu of the control panel.*

The top page of the Library Administration Menu appears.
(Example) When using Microsoft Internet Explorer



3. Basic Usage

3.1 Overview

This chapter explains the control panel, basic settings, handling the cartridges, element addresses assignments and daily maintenance.

3.2 Control Panel

The control panel can be used to configure the LaCie AIT Library settings, the AIT drive settings and the network settings. It can also be used to display the individual information about the LaCie AIT Library.

This section explains operation of the control panel, the control buttons and menu items.

For details on the menu and how to configure the settings, see each related reference.

3.2.1 Usage of the Control Panel

The following tasks can be accomplished using the control panel:

- Configure LaCie AIT Library and AIT drive-related settings
- Configure network related settings
- Display information related to the LaCie AIT Library
- Test hardware



Important Note: *Some of the setups and operations can be performed through a browser. Refer to section [6.2 Library Administration Mode](#).*

3.2.2 Viewing the Status Display

During the normal active state, the status information is displayed on the LCD panel of the LaCie AIT Library.



[1] Current operation of the library

The meanings of the messages displayed are as follows:

- "READY": Waiting
- "PICK": The picker has gone after the cartridge
- "MOVE": The cartridge is moving
- "PUT": The cartridge is being set to the AIT drive or slot
- "WRITE": The AIT drive is performing a WRITE operation
- "ERASE": The AIT drive is performing an ERASE operation
- "SPACE": The AIT drive is performing a SPACE operation
- "LOAD": The AIT drive is performing a LOAD operation
- "UNLD": The AIT drive is performing an UNLOAD operation
- "RWND": The AIT drive is performing a REWIND operation
- "CLEAN": The AIT drive is performing a CLEANING operation

[2] Type of the AIT drive

The type of the AIT drive appears at the bottom left of the display. When setting cartridges, check this display and make sure the cartridges are of the same type.

[3] Setting the condition of the cartridges

If cartridges are set in the LaCie AIT Library and AIT drives, the numbers of the corresponding slots and drives are displayed in reverse video.

[4] Condition of the AIT drives

If a cartridge is set in the AIT drive,  is displayed.


If a cartridge is not set in the AIT drive,  is displayed.

(Example) If cartridges are set in slots 1 and 8, and AIT drive



[5] Picker

The picker is displayed as ▼ .

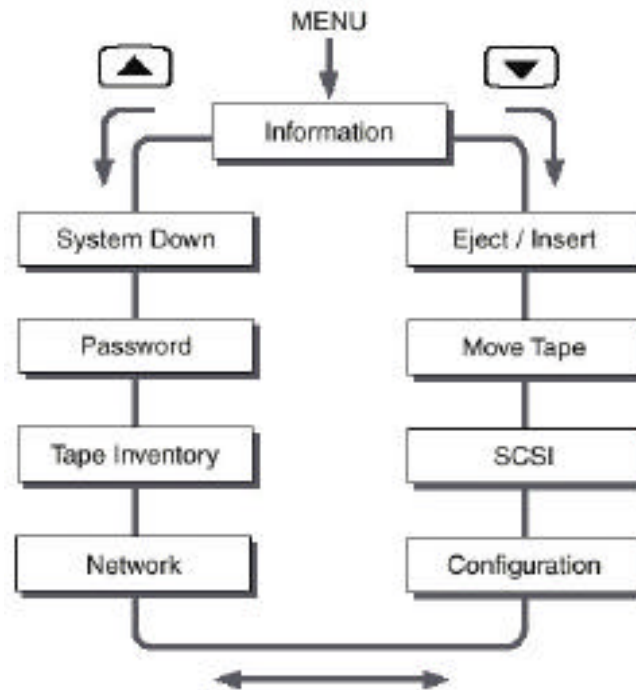
When the picker has picked up and is conveying a cartridge,  is displayed.



Important Note: *The status information can be viewed through a browser. Refer to section [6.2 Library Administration Menu](#).*

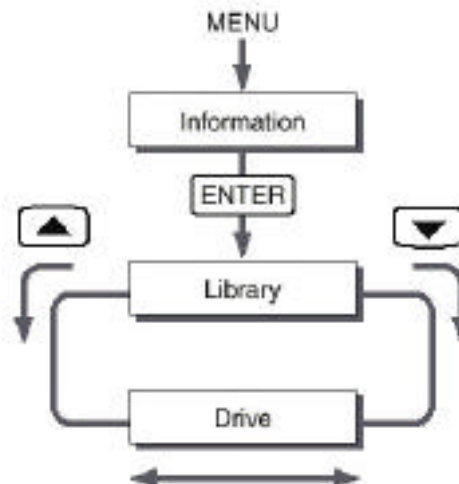
3.2.3 Menu Items

The following menus are in the control panel.



Information Menu

The LaCie AIT Library and AIT drive information can be displayed. The following submenus are in the Information Menu.



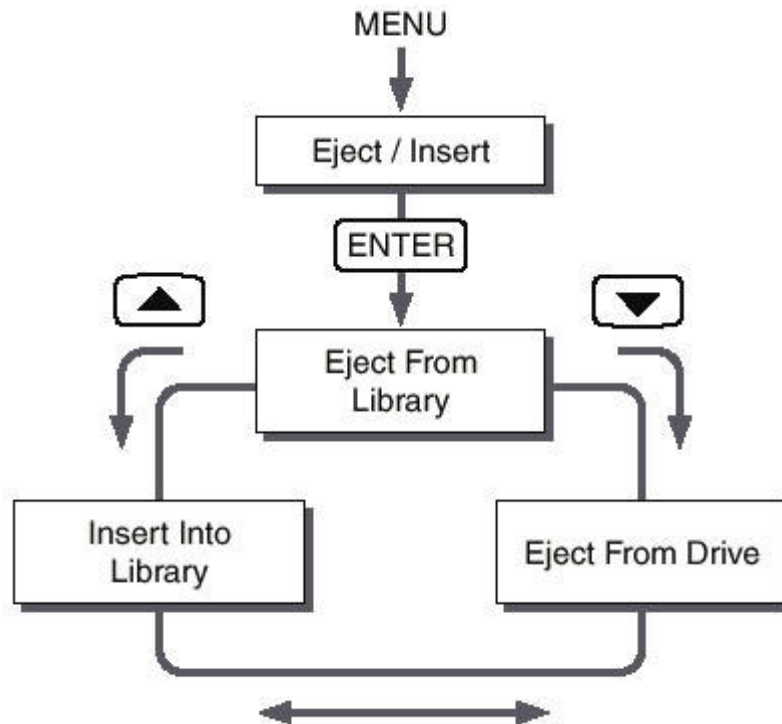
- Library Menu
Displays information related to the LaCie AIT Library.
4.3 Viewing Information Related to the LaCie AIT Library.
- Drive Menu
Displays information related to the AIT drives.
5.2 Viewing Information Related to the AIT Drive.

Eject/Insert Menu

Use this menu to set and replace the cartridges.

4.2.2 Replacing the Cartridges.

The following submenus are in the Eject/Insert Menu:



- "Eject From Library"
Takes out the cartridge from the LaCie AIT Library.
- "Eject From Drive"
Takes out the cartridge from the AIT drive.
- "Insert Into Library"
Loads a cartridge into the LaCie AIT Library.

Move Tape Menu

This menu moves the cartridges.

4.2.2 Replacing the Cartridges.

SCSI Menu

The SCSI IDs and SCSI parities of the LaCie AIT Library and AIT drives can be set.

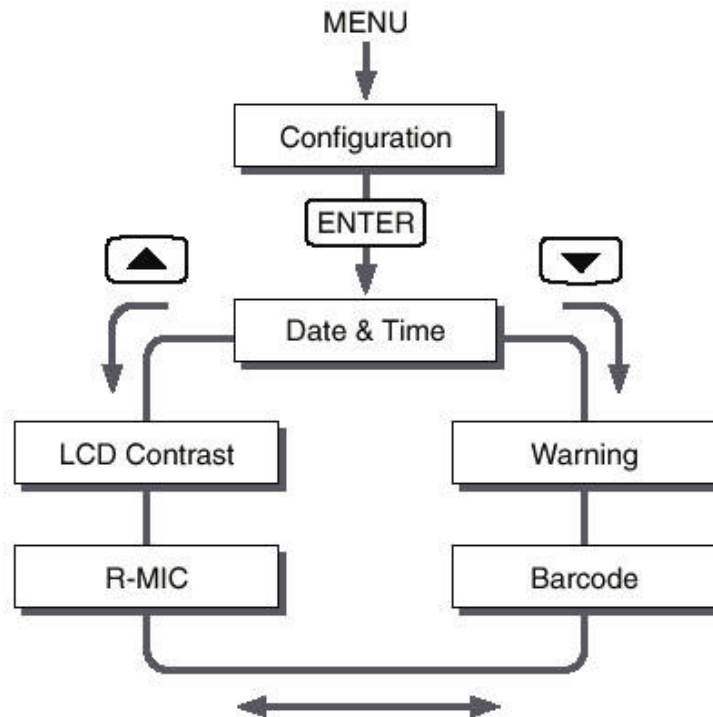
2.11.2 Setting the SCSI ID.

Configuration Menu

The date and time, warning message displayed, bar code, R-MIC and brightness of the LCD panel can be configured.

3.7 Basic Settings.

The following submenus are in the Configuration Menu:



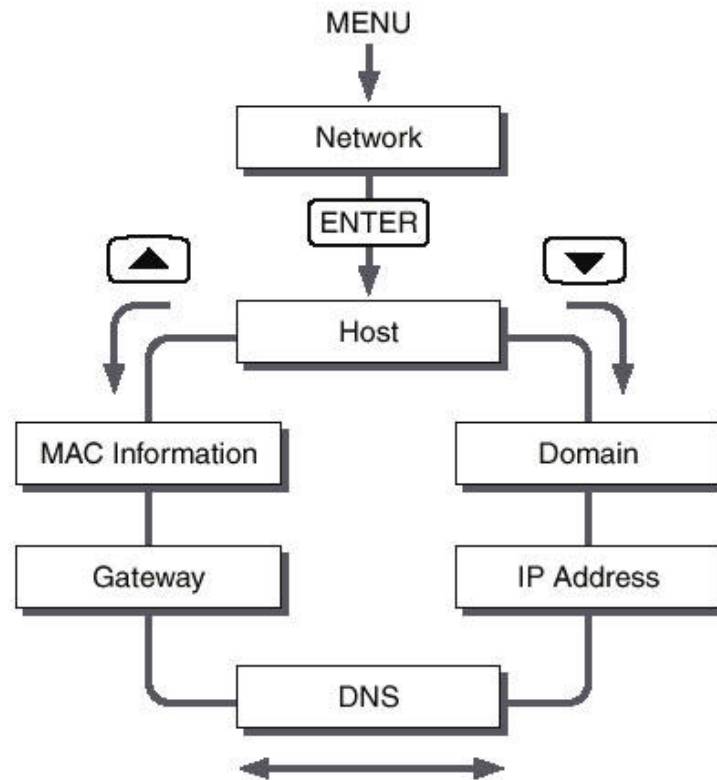
- "Date & Time"
Set the date and time.
- "Warning"
Set whether or not to display the life warning (given when a specific part has been operated more times than the specified number of times).
- "Barcode"
Configure so that the bar code affixed to the cartridge can be read.
- "R-MIC"
Set whether or not to enable the R-MIC function when using the AIT3 cartridge.
- "LCD Contrast"
Set the brightness of the LCD panel.

Network Menu

Necessary settings can be configured in order to connect to the network.

2.11.4 Connecting to the Network.

The following submenus are in the Network Menu.



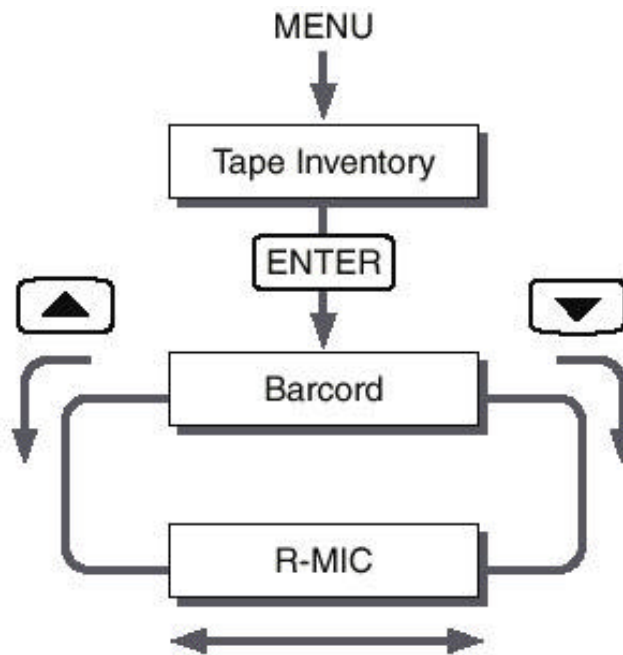
- "Host"
Set the host name.
- "Domain"
Set the domain name.
- "IP Address"
Set the IP address and the subnet mask.
- "DNS"
DNS is not supported.
- "Gateway"
Set the default gateway.
- "MAC Information"
Displays the MAC address.

Tape Inventory Menu

Information related to the cartridges can be displayed.

4.4 Viewing Cartridge Information.

The following submenus are in the Tape Inventory Menu:



- "Barcode"
Displays the bar code information.
- "R-MIC"
Displays the R-MIC information.

Password Menu

A password can be assigned to the LaCie AIT Library. The password is used when accessing certain menus via Ethernet.

3.6 Setting or Changing the Password.

System Down Menu

This menu is used when shutting down and restarting the system. It is essential to perform the shutdown procedure before turning off the LaCie AIT Library with the power switch.

2.10 Turning the Power On/Off.

3.3 Control Buttons

The following buttons are on the control panel. Use these buttons to operate the Control Panel Menu.

[MENU] button

The Control Panel Menu appears.

▲ button, ▼ button

These buttons are used to select a menu and to input letters and numbers.

- Press ▲ to move to the previous menu, and ▼ to move to the next menu.
- Press ▲ to cycle forward through letters and numbers one at a time, and ▼ to cycle backwards.

[ENTER] button

This button is used to finalize the displayed menu or value, set alphanumerical characters and perform operations.

- Finalizes or executes the displayed menu or operation.
- Moves the cursor right.
- Saves the values.
- Input a space (" ") to delete unwanted character.

[CANCEL] button

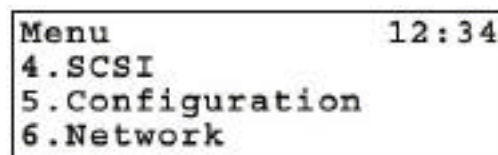
Used to cancel the current operation and set alphanumerical characters.

- Returns to the previous menu.
- Moves the cursor left.

(Operation example) Set the host name

1) When the server is in the normal standby state, press the [MENU] button for two seconds.

2) Press the ▼ button five times to select "6.Network", then press the [ENTER] button.



```

Menu                                     12:34
4.SCSI
5.Configuration
6.Network
  
```

[Network] appears.

3) Select "1.Host", then press the [ENTER] button.

```
Network 12:34
1.Host
2.Domain
3.IP Address
```

"Host" appears, and the first character of the host name flashes.

```
Host
LIB-81
```

4) Use the ▼ button and ▲ button to input the first character.

5) Press the [ENTER] button to flash the next character, then input the character.

6) Repeat Step 5 to input the rest of the characters.

```
Host
MACHINE-NAME
```

7) Press the [ENTER] button.

8) When [[ENTER] to activate?] appears, press the [ENTER] button.

```
HOST
MACHINE_NAME
[ENTER] to activate
```

Host name is now set, and the display returns to "Network".

9) Press the [CANCEL] button twice to return to the status display.

3.4 Warnings

When the AIT drive needs cleaning or a specific part needs to be replaced upon reaching its periodic replacement time, a warning message is displayed on the LCD panel.

```
Warning 12:34
Cleaning request
```

The warning messages and their solutions are as follows:

“Cleaning Request”:

The AIT drive needs to be cleaned. Clean the AIT drive. For information about how to clean the drive, refer to [5.3 Cleaning the AIT Drive](#).

“Threshold Condition Met”:

The specific part has operated more than the specified number of times. Since the specific part has reached the periodic exchange time, contact your reseller or LaCie Technical Support.

“Drive Information”:

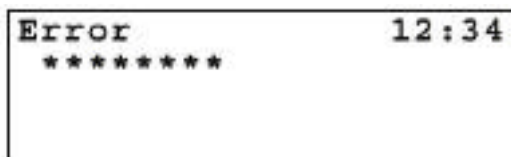
An error occurred in the AIT drive. An error code appears. Contact your reseller or LaCie Technical Support.

“FanX trouble”:

An anomaly has occurred at fan X (where X is the fan number). Contact your reseller or LaCie Technical Support.

3.5 Errors

When an error occurs in the LaCie AIT Library, an error code appears on the LCD panel. For information about error codes, refer to [8.8 Error Code List](#).



3.6 Setting or Changing the Password

A password can be set on the LaCie AIT Library. The password is used when accessing certain menus via the Ethernet.

This section explains the steps required to set or change the password from the control panel.

The password is extremely important to the security of the library. Closely guard the password.



Important Note: *The password can also be set through a browser.*

- 1) At the status display, press the [MENU] button for two seconds.

2) Press the ▲ button twice to select "8.Password", then press the [ENTER] button.

```
Menu 12:34
7.Tape Inventory
8.Password
9.System Down
```

3) When "Enter Password" appears, enter the first character of the current password in the following manner:

```
Enter Password
?
```

- Use the ▼ and ▲ buttons to select a letter. The prospective letter is displayed in the "?" field.
- After displaying the prospective letter, press the [ENTER] button. " " will be displayed.
- Press the [CANCEL] button to erase one " ".
- If you are setting the password for the first time, enter "LIB-81A".

4) When "Enter New Password" appears, enter the new password up to eight alphanumeric characters and symbols (! @ # \$ % () { } ~ ").

The maximum number of characters that can be set for a password is eight. You can not enter more than eight characters.

5) Press the [ENTER] button.

6) Re-enter the new password.

7) Press the [ENTER] button.

8) When "[ENTER] to activate" appears, press the [ENTER] button.

```
Enter New Password
? *****
? *****
[ENTER] to activate
```

The password is now set or changed. The display returns to the menu.

9) Press the [CANCEL] button to return to the status display.

3.7 Basic Settings

This section explains the steps required to configure the warning message display, bar code, R-MIC and brightness of the LCD panel using the Configuration Menu on the control panel.



Important Note: For information about “Date & Time” of the Configuration Menu, refer to 2.11.1 Setting the Date and Time.

3.7.1 Disabling the Life Warning Display

When the device is shipped from the factory, the life warning is set to display. This default setting is recommended. (Thus the following setup is unnecessary.) Change this setting in “Warning” of the Configuration Menu.



Important Note: The displaying of the life warning can also be set through a browser.

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button four times to select “5.Configuration”, then press the [ENTER] button.
- 3) Select “2.Warning”, then press the [ENTER] button.

```
Configuration    12:34
1.Date & Time
2.Warning
3.Barcode
```

- 4) Use the ▼ and ▲ buttons to select “YES”, then press the [ENTER] button.

```
Warning
Enable  YES
```

The default factory setting is “YES”.
Select “NO” to not display the warning.

- 5) When “[ENTER] to activate” appears, press the [ENTER] button.

```
Warning
Enable  YES

[ENTER] to activate
```

The life warning is now set.
The display returns to the menu.

- 6) Press the [CANCEL] button twice to return to the status display.

3.7.2 Setting the Bar Code

When the LaCie AIT Library is equipped with a bar code reader, in “Barcode” of the Configuration Menu, configure the bar code settings so that the bar code affixed to the cartridge can be read.



Warning! When the LaCie AIT Library is not equipped with a bar code reader, do not change the setting to "YES" as this causes an error to be displayed when the library starts or when a cartridge is set.



Important Note: The setting of the bar code can also be configured through a browser.

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button four times to select "5.Configuration", then press the [ENTER] button.
- 3) Select "3.Barcode", then press the [ENTER] button.

```
Configuration    12:34
1.Date & Time
2.Warning
3.Barcode
```

- 4) Use the ▼ and ▲ buttons to select "YES", then press the [ENTER] button.

```
Barcod
Enable  YES
```

The default factory setting is "NO".
Select "YES" to read the bar code.

- 5) When "[ENTER] to activate" appears, press the [ENTER] button.

```
Barcod
Enable  YES

[ENTER] to activate
```

When the bar code is read, the library returns to the menu display.

- 6) Press the [CANCEL] button twice to return to the status display.

3.7.3 Setting the R-MIC Function

In "R-MIC" of the Configuration Menu, enable the R-MIC function in order to use the AIT3 cartridge.



Important Note:

- When using AIT1 or AIT2 cartridges, leave this setting to "NO".
- The R-MIC function can also be set through a browser.

- 1) At the status display window, press the [MENU] button for two seconds.

2) Press the ▼ button four times to select "5.Configuration", then press the [ENTER] button.

3) Select "4.R-MIC", then press the [ENTER] button.

```
Configuration    12:34
4.R-MIC
5.LCD Contrast
```

4) Use the ▼ and ▲ buttons to select "YES", then press the [ENTER] button.

```
R-MIC
Enable  YES
```

The default factory setting is "NO". Select "NO" to not use the R-MIC function.

5) When "[ENTER] to activate" appears, press the [ENTER] button.

```
R-MIC
Enable  YES

[ENTER] to activate
```

The R-MIC function is now set. The display returns to the menu.

6) Press the [CANCEL] button twice to return to the status display.

3.7.4 Adjusting the Brightness of the LCD Panel

In "LCD Contrast" of the Configuration Menu, adjust the brightness of the LCD panel.

1) At the status display window, press the [MENU] button for two seconds.

2) Press the ▼ button four times to select "5.Configuration", then press the [ENTER] button.

3) Select "5.LCD Contrast", then press the [ENTER] button.

```
Configuration    12:34
4.R-MIC
5.LCD Contrast
```

4) Press the ▼ and ▲ buttons to adjust LCD contrast, then press the [ENTER] button.

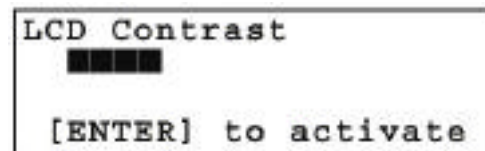
```
LCD Contrast
```

Pressing the ▼ button darkens the LCD panel, while pressing the ▲

button makes it brighter.

5) When "[ENTER] to activate" appears, press the [ENTER] button.

The brightness of the LCD panel is now set. The display returns to the menu.



6) Press the [CANCEL] button twice to return to the status display.

3.8 Disabling the Buttons on the Front Panel

To prevent accidentally pressing the control buttons, you can disable the buttons on the front panel. Use a browser to disable the buttons in the Library Administration Menu.

For details on the Library Administration Menu, refer to [6.2 Library Administration Menu](#).

- 1) Launch a browser, then access the Library Administration Menu.
- 2) Click "System Configuration".

The "Configuration" page appears:

	Year	Month	Day	Hour	Min
Date & Time	2000	01	01	10	30
Life Warning	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable			
Key Operation	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable			
R-MIC	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable			
Barcode	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable			

Submit

- 3) At "Key Operation", click "Disable" to select.

- 4) Click "Submit".

The library is configured.



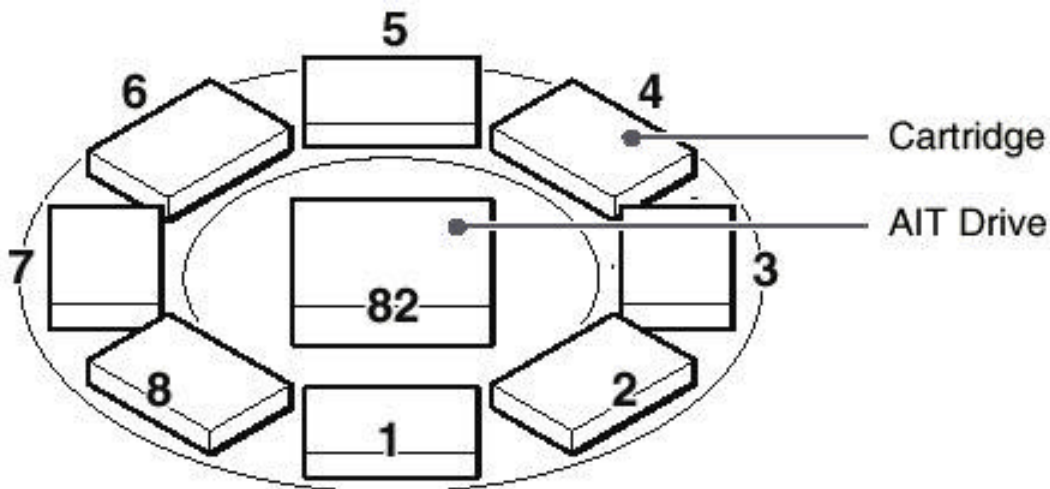
Important Note: *If the library power is turned off, the "Key Operation" setting is turned to "Enable".*

3.9 Assigned Element Addresses

An element is a physical location where a cartridge can be kept. Applications use element addresses to differentiate between the elements of the LaCie AIT Library. In this library, the element addresses are assigned to the cartridge slots and the AIT drives in the following manner:



Important Note: *Since the element addresses of the library are fixed numbers, they cannot be reassigned.*



3.10 Handling the Cartridges

When handling and storing the cartridges, note the following cautions.

3.10.1 Handling

- Do not subject the cartridges to strong vibrations. Do not drop the cartridges.
- When loading a cartridge into the LaCie AIT Library, the lid of the cartridge opens up automatically. Do not manually open the lid and touch the interior tape.
- The cartridge is preadjusted at the factory, so do not disassemble it.
- The tab of a cartridge is used to prevent writing to the cartridge by accident.
- If the cartridge does not need to be written, move the tab to protect it.

2.11.3 Setting the Cartridges

- If the LaCie AIT Library is used in a high-humidity environment or a location that is subject to wide variations in temperature, condensation may prevent cartridge read/write operation.
- If the cartridge needs not be written to or read from, do not insert or eject it too often.

3.10.2 Storing

- Store cartridges in an appropriate environment.
Store cartridges according to the temperature and other surrounding conditions written on the package. Also, try to keep the temperature and humidity of the environment constant. Store cartridges out of the direct sun rays. Do not store them near heating systems. Never place cartridges on a dashboard or in the glove compartment of a car.
- Store cartridges where there is little dust.
Eliminate sources of dust. Prohibit eating, drinking and smoking near the storage location. Also, do not store cartridges near copying machines or printers that emit toner and paper dust.
- When storing cartridge, set the erase-protection tab so that the data cannot be over written.
- After removing a cartridge from the library, store it in an appropriate location as soon as possible.
Avoid, as much as possible, changes of temperature and density, contamination by dust and scratches made by touching the interior tape.

3.11 Daily Maintenance

Perform the following periodically:

- Clean the air filter.
If the front panel air filter is clogged with dust, the LaCie AIT Library may overheat, resulting in fire or other damage. Periodically clean the air filter. For information about how to remove the air filter, refer to **8.2 Changing the Air Filter**.
- Change the air filter.
Change the front panel air filter once a year. For information about how to change the filter, refer to **8.2 Changing the Air Filter**.

4. Operating the LaCie AIT Library

4.1 Overview

This chapter explains how to take out, change and move the cartridges, how to view information about the LaCie AIT Library, cartridges and errors, and how to test the hardware.

4.2 Using the Cartridges

This section explains steps to take out, change and move the cartridges. For information about how to prepare and load the cartridges, refer to [2.11.3 Setting the Cartridges](#).

4.2.1 Taking Out the Cartridges

To take out a cartridge set in the LaCie AIT Library or AIT drives, specify the slot with the element address.

For information about element addresses, refer to [3.9 Assigned Element Addresses](#).

To take a cartridge out of the LaCie AIT Library:

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button once to select "2.Eject/Insert", then press the [ENTER] button.

"Eject/Insert" appears.

- 3) Select "1.Eject From Library", then press the [ENTER] button.

If the cartridge to be taken out is set in the AIT drive, select "2.Eject From Drive".

```
Eject/Insert      12:34
1.Eject From Library
2.Eject From Drive
3.Insert Into Library
```

- 4) Select the cartridge ejection method, then press the [ENTER] button.

```
Eject              12:34
1.Single Mode
2.Multiple Mode
```

- When you want to specify one slot and eject its cartridge, select "1.Single Mode".
- When you want to eject several cartridges consecutively, select "2.Multiple Mode". In this case, you only need to specify the first slot.

5) Use the ▼ and ▲ buttons to set the element address of the slot where the cartridge to be taken out is set, then press the [ENTER] button.

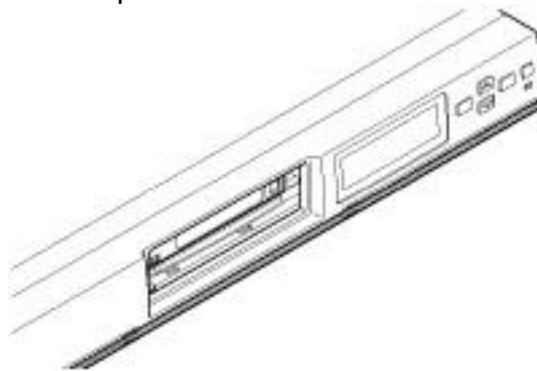
```
Slot  01
```

6) When "[ENTER] to activate" appears, press the [ENTER] button.

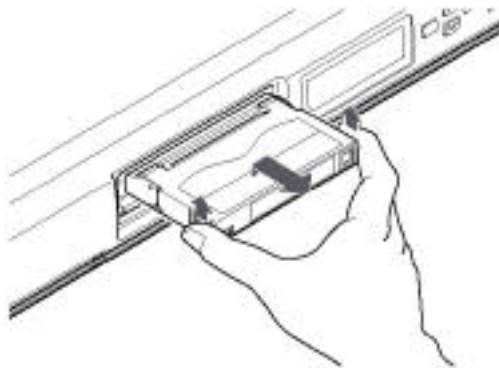
```
Slot  01

[ENTER] to activate
```

The cartridge dock shutter opens.



7) Remove the cartridge from the slot. Raise the cartridge about 1 mm and pull it out.



8) If you selected "1.Single Mode" in step 4, press the [CANCEL] button.

```
Slot  01
Eject Tape
[CANCEL] to exit
```

9) If you selected "2.Multiple Mode" in step 4, perform the following depending on the number of inserted cartridges.

Two or more inserted cartridges

The element address of the front slot appears on the first line. The element address of the next slot appears on the second line.

- A) Eject the cartridge and press the [ENTER] button.
- B) The slot moves to the next. Eject the cartridge in the same manner and press the [ENTER] button. When you press the [ENTER] button, the slot moves to the next.
- C) Repeat until all the cartridges are ejected, and then press the [CANCEL] button.

```
Eject Tape Slot 01
Next Slot 02
[CANCEL] to exit
[ENTER] to next slot
```

Only one inserted cartridge

The element address of the front slot appears on the first line. (Nothing appears on the second line.)

- A) Eject the cartridge and press the [CANCEL] button.

```
Eject Tape Slot 01
[CANCEL] to exit
```



Warning! Do not put your fingers in the slot when it is moving, as this could result in injuries.

- 10) When "[ENTER] to activate" appears, press the [ENTER] button.

If you selected "1.Single Mode" in step 4, the display on the right appears.

```
Slot 01
Exit ?
[ENTER] to activate
```

If you selected "2.Multiple Mode" in step 4, the display on the right appears.

```
Eject Tape Slot 01
Exit ?
[ENTER] to activate
```

The shutter closes and the initialization is performed.

```
Slot 01
Initializing
```

- 11) When the initialization ends, press the [CANCEL] button three times to return to the status display.

4.2.2 Replacing the Cartridges

When replacing a cartridge, specify the slot using the element address. For information about element addresses, refer to [3.9 Assigned Element Addresses](#).

To replace a cartridge set in the LaCie AIT Library:

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button once to select "2.Eject/Insert", then press the [ENTER] button.

"Eject/Insert" appears.

- 3) Select "1.Eject From Library", then press the [ENTER] button.

```
Eject/Insert      12:34
1.Eject From Library
2.Eject From Drive
3.Insert Into Library
```

If the cartridge to be taken out is set in the AIT drive, select "2.Eject From Drive".

- 4) Select the cartridge ejection method, then press the [ENTER] button.

```
Eject              12:34
1.Single Mode
2.Multiple Mode
```

- When you want to specify one slot and eject its cartridge, select "1.Single Mode".
- When you want to eject several cartridges consecutively, select "2.Multiple Mode". In this case, you only need to specify the first slot.

- 5) Use the ▼ and ▲ buttons to set the element address of the slot where the cartridge to be taken out is set, then press the [ENTER] button.

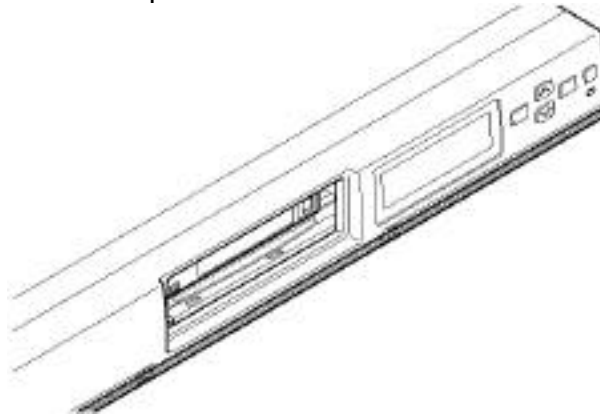
```
Slot  01
```

- 6) When "[ENTER] to activate" appears, press the [ENTER] button.

```
Slot  01

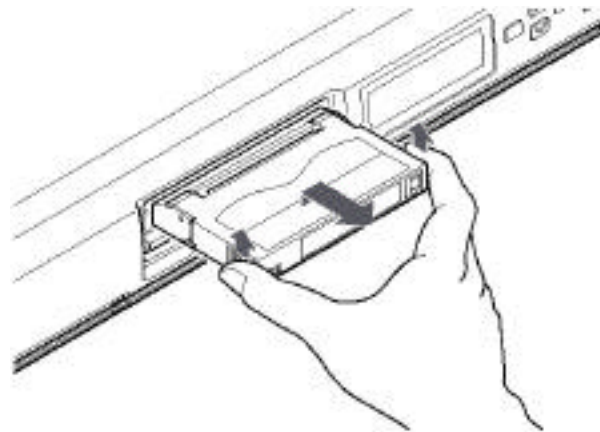
[ENTER] to activate
```

The cartridge dock shutter opens.



7) Remove the cartridge from the slot.

Raise the cartridge about 1 mm and pull it out.



8) If you selected "1.Single Mode" in step 4, press the [CANCEL] button.

```
Slot 01
Eject Tape
[CANCEL] to exit
```

9) If you selected "2.Multiple Mode" in step 4, perform the following depending on the number of inserted cartridges.

Two or more inserted cartridges
The element address of the front slot appears on the first line. The element address of the next slot appears on the second line.

```
Eject Tape Slot 01
Next Slot 02
[CANCEL] to exit
[ENTER] to next slot
```

A) Eject the cartridge and press the [ENTER] button.

B) The slot moves to the next. Eject the

cartridge in the same manner and press the [ENTER] button. When you press the [ENTER] button, the slot moves to the next.

C) Repeat until all the cartridges are ejected, and then press the [CANCEL] button.

Only one inserted cartridge

The element address of the front slot appears on the first line. (Nothing appears on the second line.)

A) Eject the cartridge and press the [CANCEL] button.

```
Eject Tape Slot 01
[CANCEL] to exit
```



Warning! Do not put your fingers in the slot when it is moving, as this could result in injuries.

10) When "[ENTER] to activate" appears, press the [ENTER] button.

If you selected "1.Single Mode" in step 4, the display on the right appears.

```
Slot 01
Exit ?

[ENTER] to activate
```

If you selected "2.Multiple Mode" in step 4, the display on the right appears.

```
Eject Tape Slot 01
Exit ?

[ENTER] to activate
```

The shutter closes and the initialization is performed.

```
Slot 01

Initializing
```

11) When the initialization ends, press the [CANCEL] button three times to return to "Eject/Insert" display.

12) Select "3.Insert Into Library", then press the [ENTER] button.

```
Eject/Insert 12:34
1.Eject From Library
2.Eject From Drive
3.Insert Into Library
```

13) Select the cartridge insertion method, then press the [ENTER] button.

```
Insert                               12:34
1.Single   Mode
2.Multiple Mode
```

- When you want to specify a slot and insert a cartridge in it, select "1.Single Mode".
- When you want to insert several cartridges consecutively, select "2.Multiple Mode". In this case, you only need to specify the first slot.

14) Use the ▼ and ▲ buttons to set the element address of the slot where the cartridge is going to be set, then press the [ENTER] button.

```
Slot 01
```

15) When "[ENTER] to activate" appears, press the [ENTER] button.

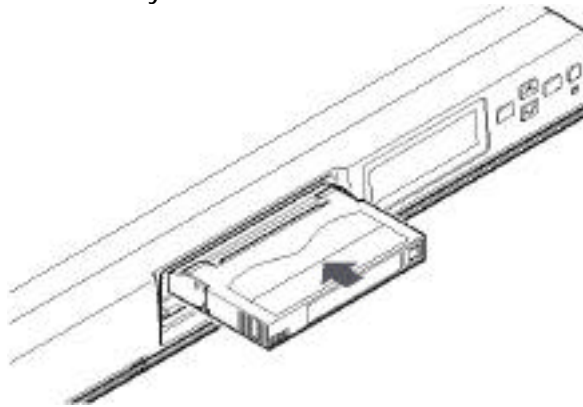
```
Slot 01

[ENTER] to activate
```

The cartridge dock shutter opens.

16) Insert the cartridge into the slot.

Be sure to insert it all the way.



17) If you selected "1.Single Mode" in step 13, press the [CANCEL] button.

```
Slot 01
Insert Tape
[CANCEL] to exit
```

18) If you selected "2.Multiple Mode" in step 4, perform the following depending on the number of open slots.

Two or more open slots

The slot moves to the next one. When it stops, insert another cartridge and press the [ENTER] button again. Repeat until all the cartridges are inserted, then press the [CANCEL] button.

A) Insert a cartridge and press the [ENTER] button.

B) The slot moves to the next. Insert another cartridge in the same manner and press the [ENTER] button.

When you press the [ENTER] button, the slot moves to the next.

C) Repeat until all the cartridges are inserted, and then press the [CANCEL] button.

```
Insert Tape Slot 01
Next Slot 02
[CANCEL] to exit
[ENTER] to next slot
```

Only one open slot

The element address of the front slot appears on the first line. (Nothing appears on the second line.)

A) Insert a cartridge and press the [CANCEL] button.

```
Insert Tape Slot 01
[CANCEL] to exit
```



Warning! Do not put your fingers in the slot when it is moving, as this could result in injuries.

19) When "[ENTER] to activate" appears, press the [ENTER] button.

If you selected "1.SingleMode" in step 4, the display on the right appears.

```
Slot 01
Exit ?
[ENTER] to activate
```

If you selected "2.MultipleMode" in step 4, the display on the right appears.

```
Insert Tape Slot 01
Exit ?
[ENTER] to activate
```

The shutter closes and the initialization is performed.

```
Slot 01
Initializing
```

20) When the initialization ends, press the [CANCEL] button three times to return to the menu display.

4.2.3 Moving the Cartridges

It is possible to move a cartridge from a slot to the AIT drive or vice versa. Set the cartridge in the slot before performing the procedure below. When moving a cartridge, specify the slot with the element address. For information about element addresses, refer to [3.9 Assigned Element Addresses](#).



Important Note:

- *It is not possible to move a cartridge between slots. When you want to set a cartridge in a different slot, first move the cartridge, then set it in a different slot.*
- *It is not possible to remove a cartridge directly from the AIT drive. Perform the procedure below, move the cartridge to the desired slot, and then remove it.*

1) At the status display menu, press the [MENU] button for two seconds.

2) Press the ▼ button twice to select "3.MoveTape", then press the [ENTER] button.

3) Use the ▼ and ▲ buttons to set the element address of the slot that has the moving source cartridge, then press the [ENTER] button.

Source	DR
Destination	01



Important Note: "DR" indicates an AIT drive.

4) Use the ▼ and ▲ buttons to set the element address of the destination slot, then press the [ENTER] button.

5) When "[ENTER] to activate" appears, press the [ENTER] button.

Source	DR
Destination	01
[ENTER] to activate	

The cartridge moves to a new slot, and the display returns to the menu.

6) Press the [CANCEL] button to return to the status display.

4.3 Viewing Information Related to the LaCie AIT Library

Using the Information Menu of the control panel, the following information related to the LaCie AIT Library can be viewed:

- Vendor ID
- Product name
- Serial number
- Version



Important Note: *Information related to the LaCie AIT Library can also be viewed through a browser.*

1) At the status display, press the [MENU] button for two seconds.

“Information” appears.

2) Select “1.Information”, then press the [ENTER] button.

3) Select “1.Library”, then press the [ENTER] button.

```
Information      12:34
1.Library
2.Drive
```

The library information is displayed.

```
V/ID
Name LIB-81
S/N 12345678
Version 0100
```

4) Press the [CANCEL] button three times to return to the status display.

4.4 Viewing Cartridge Information

Using the Tape Inventory Menu of the control panel, the following information related to the cartridges can be viewed:

- Bar code information
When the LaCie AIT Library is equipped with a bar code reader, you can view the bar code information about the set cartridges by element addresses.
- R-MIC information
For AIT3 cartridges, you can view the R-MIC information about the set cartridges by element addresses.



Important Note:

- For information about element addresses, refer to [3.9 Assigned Element Addresses](#).
- The bar code information and R-MIC information can be viewed through a browser.

1) At the status display, press the [MENU] button for two seconds.

2) Press the ▼ button six times to select "7.Tape Inventory", then press the [ENTER] button.

"Tape Inventory" appears.

3) To view the bar code information, select "1.Barcode", then press the [ENTER] button.

```
Tape Inventory 12:34
1.Barcode
2.R-MIC
```

When the LaCie AIT Library is equipped with a bar code reader, the bar code information is only displayed when the bar code setting is "YES" or "Enable".

```
01:12345678
02:No Tape
```

- When a cartridge is not set, "No Tape" is displayed.
- If a cartridge with no bar code information is set, nothing is displayed.
- Press the ▼ button to view the next element address information, and press the ▲ button to return to the previous display.

4) To view the R-MIC information, select "2.R-MIC", then press the [ENTER] button.

The R-MIC information is only displayed if you are using an AIT3 model and that the R-MIC setting is "YES" or "Enable".

```
01:12345678
02:No Tape
```

- When a cartridge is not set, "No Tape" is displayed.
- If a cartridge with no R-MIC information is set, nothing is

- displayed.
- Press the ▼ button to view the next element address information, and press the ▲ button to return to the previous display.

5) Press the [CANCEL] button three times to return to the status display.

5. Operating the AIT Drive

5.1 Overview

This chapter explains how to view information related to the AIT drive and how to clean the AIT drive.

5.2 Viewing Information Related to the AIT Drive

Using the Information Menu of the control panel, the following information related to the AIT drive can be viewed:

- Vendor ID
- Product name
- Serial number
- Version



Important Note: *Information related to the AIT drives can also be viewed through a browser.*

1) At the status display, press the [MENU] button for two seconds.

2) Select "1.Information", then press the [ENTER] button.

"Information" appears.

3) Select "2.Drive", then press the [ENTER] button.

Information	12:34
1.Library	
2.Drive	

The AIT drive information is displayed.

V/ID	
Name	SDX-500X
S/N	12345678
Version	t10d

4) Press the [CANCEL] button three times to return to the status display.

5.3 Cleaning the AIT Drive

When the AIT drive needs to be cleaned, the following message appears on the LCD panel:

```
Warning      12:34
Cleaning request
```

Clean the drive by setting the Cleaning cartridge (sold separately) in the AIT drive. To set the cleaning cartridge, specify the slot and the AIT drive with an element address. For information about element addresses, refer to [3.9 Assigned Element Addresses](#).



Important Note: First set the cleaning cartridge in the LaCie AIT Library, then move it to the AIT drive. Check in advance which slot is not occupied. For information about how to check, refer to [4.4 Viewing Cartridge Information](#).

- 1) At the status display, press the [MENU] button for two seconds.
- 2) Press the ▼ button once to select "2.Eject/Insert", then press the [ENTER] button.

"Eject/Insert" appears.

- 3) Select "3.Insert Into Library", then press the [ENTER] button.

```
Eject/Insert  12:34
1.Eject From Library
2.Eject From Drive
3.Insert Into Library
```

- 4) Select "1.SingleMode", then press the [ENTER] button.

```
Insert      12:34
1.Single    Mode
2.Multiple  Mode
```

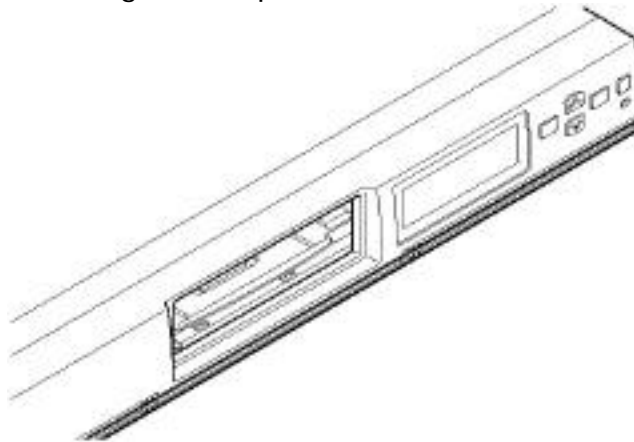
- 5) Use the ▼ and ▲ buttons to set the element address of the slot where the cleaning cartridge is going to be set, then press the [ENTER] button.

```
Slot  01
```

6) When "[ENTER] to activate" appears, press the [ENTER] button.

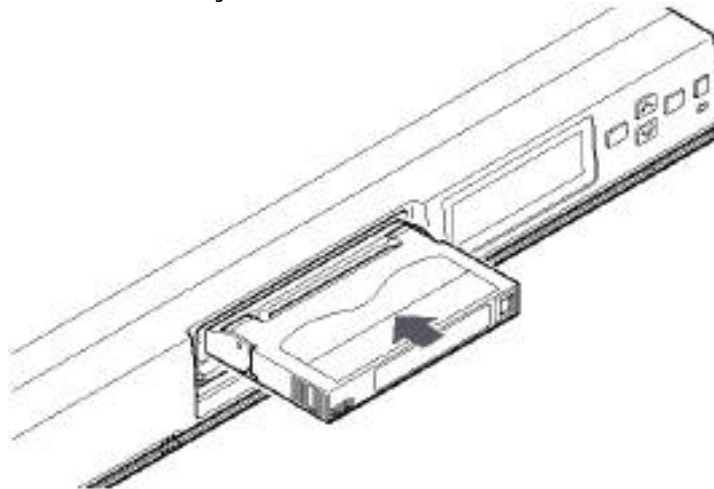
```
Slot 01  
[ENTER] to activate
```

The shutter of the cartridge dock opens.



7) Insert the cleaning cartridge into the slot.

Be sure to insert it all the way.



8) Press the [CANCEL] button.

```
Slot 01  
Insert Tape  
[CANCEL] to exit
```

9) When "[ENTER] to activate" appears, press the [ENTER].

```
Slot 01
Exit ?

[ENTER] to activate
```

The shutter closes and the initialization is performed.

```
Slot 01

Initializing
```

10) When the initialization ends, press the [CANCEL] button twice to return to the menu, select "3.MoveTape", then press the [ENTER] button.

11) Use the ▼ and ▲ buttons to set the element address of the slot where the cleaning cartridge is set, then press the [ENTER] button.

```
Source      01
Destination DR
```

12) Using the ▼ and ▲ buttons, select "DR", then press the [ENTER] button.

13) When "[ENTER] to activate" appears, press the [ENTER] button.

```
Source      01
Destination DR

[ENTER] to activate
```

The cleaning cartridge moves to the AIT drive, and cleaning begins. The display returns to the menu. Press the [CANCEL] button to return to the status display. When cleaning is completed, the status in the upper-left corner of the display changes from "CLEAN" to "READY".

```
CLEAN
AIT3  [1][2][3][4]
      [5][6][7][8]
```

14) Use the Move Tape Menu to move the cleaning cartridge from the AIT drive to the AIT library.

15) Use the "Eject From Library" of the Eject/Insert Menu to take out the cleaning cartridge.

16) Press the [CANCEL] button three times to return to the status display.



Important Note: *If an error occurs, repeat the cleaning procedure.*

6. Using the Library Administration Menu

6.1 Overview

This chapter explains what you can do with the Library Administration Menu, and how to operate it. It also explains details about the menus. Use the Library Administration Menu through a browser to manipulate objects and configure settings related to the system, the network and the SCSI IDs. It can also check the operation condition and view the AIT library and AIT drive information.



Important Note: *In order to configure and maintain the library through a browser, browser software must be installed in the computer. Operating systems and browsers that are compatible with the LaCie AIT Library is as follows:*

Operating systems:

- *Microsoft Windows 95, Microsoft Windows 98, Microsoft Windows Me, Microsoft Windows 2000, Microsoft Windows XP, and Microsoft Windows NT Server 4.0*

Browsers:

- *Microsoft Internet Explorer 5.01 or later*
- *Netscape Communicator 4.7 or later*

Precautions when using the Library Administration Menu

When using the Library Administration Menu, note the following browser settings:

- If "Enable or disable JavaScript" is not set to "Enable", the time in "Date & Time" will not advance.
- If "Do not use the font size (style) specified in the Web page" is set, the display layout may collapse.
- When pages are viewed using the "Back" button, the newest information may not be displayed because this operation displays the screens saved in a cache of the browser.
- If an incorrect parameter is entered, you may not be able to return display to the former settings by using the browser's cache function. In that case, return display to the former setting by using the browser's "Back" button.
- When using Netscape 6.0, set the font size to "100%" or the display layout may collapse. If "Always use user fonts" is selected, the display layout may collapse.


6.2 Library Administration Menu

When the Library Administration Menu is accessed using a browser, the following objects can be accomplished through the browser:

- Configure system-related settings
- Configure network-related settings
- Configure SCSI ID-related settings
- Set or change the password
- Update the firmware
- Check the operation condition
- Check the AIT library
- View the AIT library and AIT drive information
- View logs

Use the browser to operate the Library Administration Menu.



Important Note: *The Library Administration Menu contains English and Japanese pages. Clicking  in the upper-right corner of the page allow you to alternate between the English and Japanese pages.*

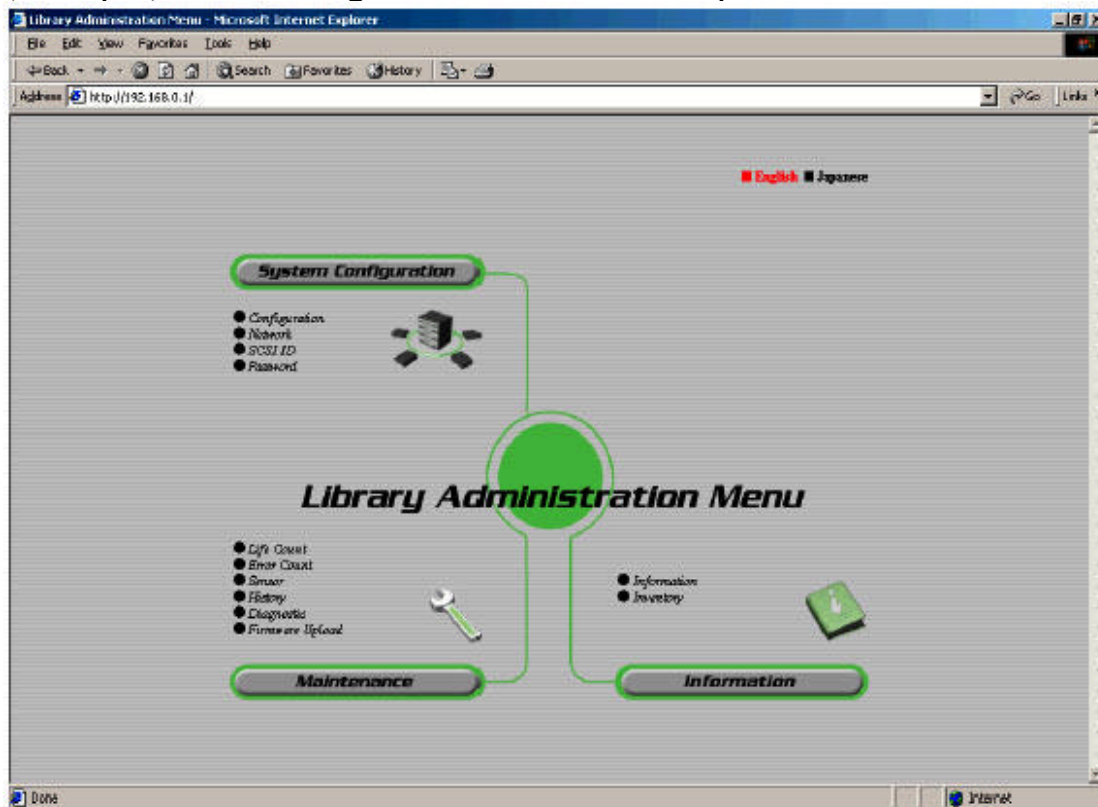
- 1) Launch a browser on a client computer.
- 2) Enter "http://xxx.xxx.xxx.xxx/" in the "Address" or "Location" field.

For "xxx.xxx.xxx.xxx", enter the IP address set in the server.
(i.e. 192.168.0.1)



Important Note: *If the IP address assigned by a DHCP server is being used, enter the current IP address in the "Address" field of the browser. The current IP address can be checked with "IP Address" of the Network Menu of the control panel.*

The top page of the Library Administration Menu appears.
(Example) When using Microsoft Internet Explorer



3) Click the button of the menu to operate. The page corresponding to the selected menu appears.

(Example) "System Configuration" page

System Configuration Home

Configuration **Network** **SCSI ID** **Password**

Configuration settings.

Date & Time Year Month Day Hour Min
 2000 / 01 / 01 10 : 30

Life Warning ☒ Enable ☐ Disable

Key Operation ☒ Enable ☐ Disable

E-MIC ☐ Enable ☒ Disable

Barcode ☐ Enable ☒ Disable

Submit

4) To return to the top page click


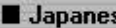


Important Note: When accessing the Library Administration Menu, we strongly recommend that you change the password before configuring the settings. For information about how to set the password, refer to [6.4.4 Password](#).

6.3 Menu Items

The following menus are included in the Library Administration Menu.



Important Note: *The Library Administration Menu contains English and Japanese pages. Clicking  **English**  **Japanese** in the upper-right corner of the page allow you to alternate between the English and Japanese pages.*

- **System Configuration Menu**
You can operate and configure settings related to the system, the network and the SCSI IDs.
6.4 System Configuration Menu
- **Maintenance Menu**
You can check the operation condition, the AIT library and upload the firmware of this library.
6.5 Maintenance Menu
- **Information Menu**
You can give information about the AIT library, the AIT drives and the cartridges.
6.6 Information Menu

6.4 System Configuration Menu

In the System Configuration Menu, objects related to the system and network can be configured, and settings related to the system and network can be changed.

The following items are in the System Configuration Menu:

- **Configuration**
System objects such as the date and time, the life warning display, the R-MIC function, and the bar code can be configured.
- **Network**
Network related settings can be configured.
- **SCSI ID**
The SCSI IDs of the AIT library and AIT drives can be set.
- **Password**
The password can be set or changed.

6.4.1 Configuration

In "Configuration", such objects of the system as the date and time, the life warning display and the R-MIC function can be configured.



Important Note: In "Configuration", some of the items can be set in the Configuration Menu of the control panel.

1) Click "System Configuration" on the Library Administration Menu. You can also directly click "Configuration", which is located below "System Configuration".

The "Configuration" page appears.

	Year	Month	Day	Hour	Min
Date & Time	2000	01	01	10	30
Life Warning	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable			
Key Operation	<input checked="" type="radio"/> Enable	<input type="radio"/> Disable			
R-MIC	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable			
Barcode	<input type="radio"/> Enable	<input checked="" type="radio"/> Disable			

SUBMIT

2) Set the following items.

Date & time

Set the date and time of the LaCie AIT Library. For date, enter in "year/month/day" format and for time, enter in "hour:minute:second" format.



Important Note: *The date and time cannot be updated when the LaCie AIT Library is turned off.*

Life Warning

Click to select whether or not to display the warning given when a specific part has been operated more times than the specified number of times. The warning is displayed on the LCD panel of the library. If "Disable" is selected, the warning will not be displayed.

Key Operation

Click to select whether or not to enable the buttons (the power standby switch and control buttons) on the front panel. If "Disable" is selected, the buttons will not function.



Important Note: *If the library power is turned off, the "Key Operation" setting is returned to "Enable".*

R-MIC

Set whether or not to enable the R-MIC function when using AIT3 cartridges. When an AIT2 or AIT1 cartridge is being used, select "Disable".

Barcode

When the LaCie AIT Library is equipped with a bar code reader, set whether or not to read the bar code affixed to the cartridge. If "Disable" is selected, the bar code will not be read.



Important Note: *When the LaCie AIT Library is not equipped with a bar code reader, do not change the setting to "Enable", as this causes an error to be displayed when the library starts or when a cartridge is set.*

3) Click "Submit".

The library is configured.

6.4.2 Network

In "Network", network-related settings can be configured. After configuring, the LaCie AIT Library must be restarted.



Important Note: *The network settings can also be configured with the Network Menu of the control panel.*

1) Click "System Configuration" on the Library Administration Menu, then click "Network". You can also directly click "Network" which is located below "System Configuration".

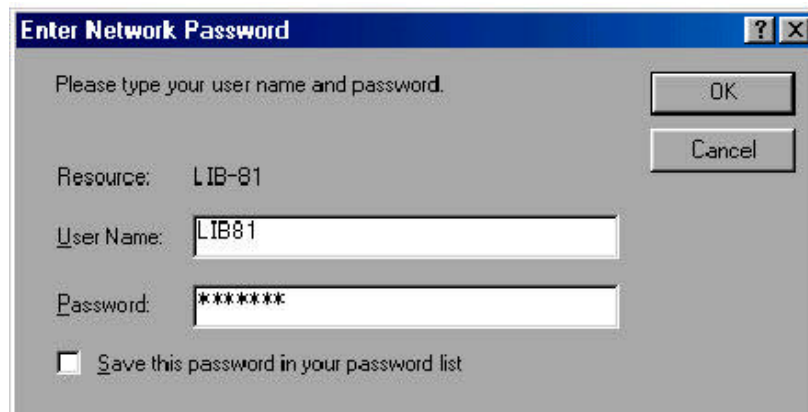
The page to enter the password appears.

2) Enter the password, then click "OK".

A screenshot of a web-based password input dialog. The dialog has a light gray background and a thick green border. At the top left, the text "Input password." is displayed. Below this, on the left side, is the label "Password". To the right of the label is a white rectangular text input field. In the bottom right corner of the dialog, there is a green button with the text "OK" in black.

Important Note: *Each access to the "Network" requires the password to be entered. For information about the password, refer to [6.4.4 Password](#).*

3) When the following screen appears, enter "LIB81" for "User Name" and "LIBRARY" for "Password", then click "OK".



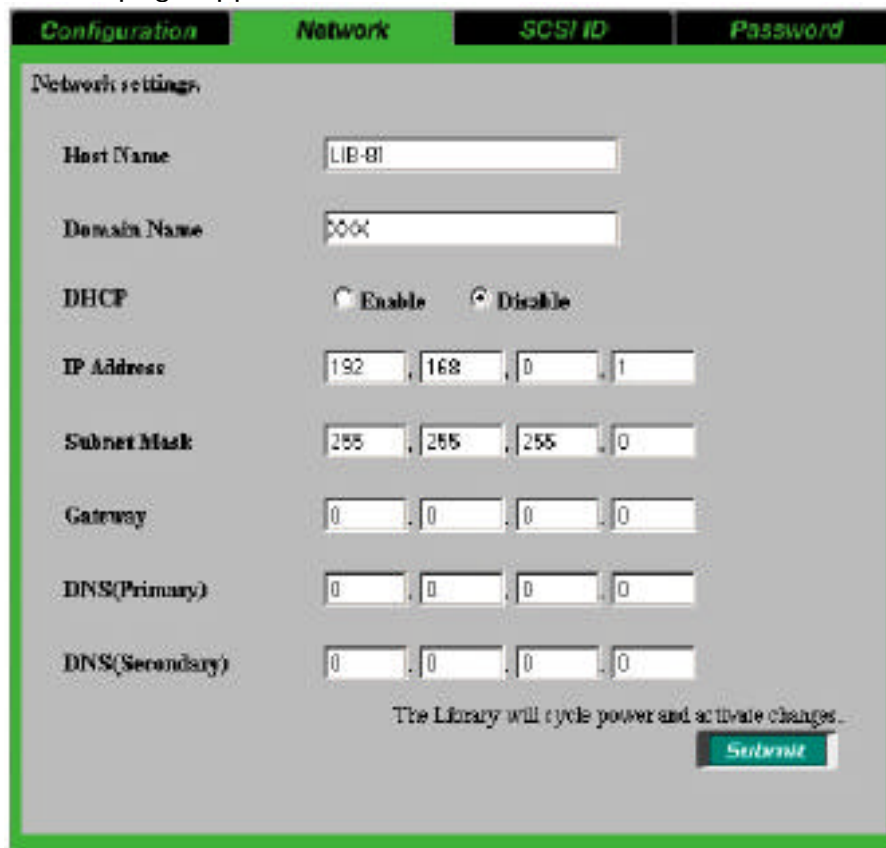
The dialog box is titled "Enter Network Password" and contains the following fields and controls:

- Instruction: "Please type your user name and password."
- Resource: LIB-81
- User Name: LIB81
- Password: *****
- Buttons: OK, Cancel
- Checkbox: ☐ Save this password in your password list



Important Note: *This screen appears only when you start your browser and access the Library Administration Menu. The confirmation performed in this screen is effective until you close your browser.*

The "Network" page appears.



The "Network" page is part of a configuration interface with tabs: Configuration, Network, SCSI ID, and Password. The "Network" tab is active, showing the following settings:

- Host Name: LIB-81
- Domain Name: DOOK
- DHCP: ☐ Enable ☒ Disable
- IP Address: 192 . 168 . 0 . 1
- Subnet Mask: 255 . 255 . 255 . 0
- Gateway: 0 . 0 . 0 . 0
- DNS(Primary): 0 . 0 . 0 . 0
- DNS(Secondary): 0 . 0 . 0 . 0

At the bottom, a message states: "The Library will cycle power and activate changes." followed by a "Submit" button.

4) Set the following items.

Host Name

Enter the host name up to 63 alphanumeric characters and symbols (-).
Before entering the host name, confirm that the same name does not already exist in the same subnet.

Domain Name

Enter the domain name up to 63 alphanumeric characters and symbols (-).

DHCP

Click to choose whether or not to use an IP address assigned by the network DHCP server. The following settings are not required if you click "Enable".

IP Address

Enter the IP address.

Subnet Mask

Enter the subnet mask.

Gateway

Enter the IP address for the default gateway.

DNS (Primary)

"DNS (Primary)" is not supported.

DNS (Secondary)

"DNS (Secondary)" is not supported.

5) Click "Submit".

6) When "Reboot now?" appears, click "OK".

The settings become effective when the library restarts. After the library has restarted, if the screen displayed by your browser is not correct, click "Refresh".



Important Note: *If the IP address assigned by a DHCP server is being used, enter the current IP address in the "Address" field of the browser, and then click "Submit". The current IP address can be checked with "IP Address" of the Network Menu of the control panel.*

6.4.3 SCSI ID

In "SCSI ID", the SCSI IDs and SCSI parities of the LaCie AIT Library and AIT drives can be set. After configuring, the LaCie AIT Library must be restarted.



Warning! *Do not use the same SCSI IDs on the same SCSI bus.*



Important Note: *The SCSI IDs and SCSI parities can also be set using the SCSI Menu of the control panel.*

1) Click "System Configuration" on the Library Administration Menu, then click "SCSI ID". You can also directly click "SCSI ID" which is located below "System Configuration".

The "SCSI ID" page appears.

	SCSI ID	Parity
Library	0	<input checked="" type="radio"/> On <input type="radio"/> Off
Drive	1	<input checked="" type="radio"/> On <input type="radio"/> Off

The Library will cycle power when changes are submitted.

Submit

2) Set the following items.

Library

Enter whether or not to enable SCSI ID or SCSI parity of the AIT library.

Drive

Enter whether or not to enable SCSI ID or SCSI parity of the AIT drive.

3) Click "Submit".

4) When "Reboot now?" appears, click "OK".

The setting becomes effective when the library restarts. After the library has restarted, if the screen displayed by your browser is not correct, click "Refresh".

6.4.4 Password

In "Password", the password can be set or changed. The password is extremely important for the security of the library. When accessing the Library Administration Menu, be sure to change the password before configuring the settings. Furthermore, closely guard the password.



Important Note:

- *Because the password and control panel password are the same, the password can also be set using the Password Menu of the control panel.*
- *The network password and user name are separate, therefore cannot be changed.*

1) Click "System Configuration" on the Library Administration Menu, then click "Password". You can also directly click "Password", which is located below "System Configuration".

The "Password" page appears.

Configuration Network SCSI ID Password

Change password
Input current password and new password.

Current Password

New Password

Confirm New Password

Submit

2) In the "Current Password" box, enter the current password.

If you are setting the password for the first time, enter "LIB-81A".

3) In the "New Password" box, enter the new password up to eight alphanumeric characters and symbols (! @ # \$ % () - { } ~ ").

4) In the next "Confirm New Password" box, re-enter the same password.

5) Click "Submit".

A message that indicates the completion of setting is displayed.



Warning! *The maximum number of characters that can be set for the password is eight. It is not possible to input more than eight characters.*

6.5 Maintenance Menu

In the Maintenance Menu, the condition of the AIT library can be checked, and the firmware of this library can be updated.



Important Note: *Each access to the Maintenance Menu requires the password to be entered. Enter "LIB-81A" in the "Password" box, then click "OK". For information about the password [6.4.4 Password](#).*

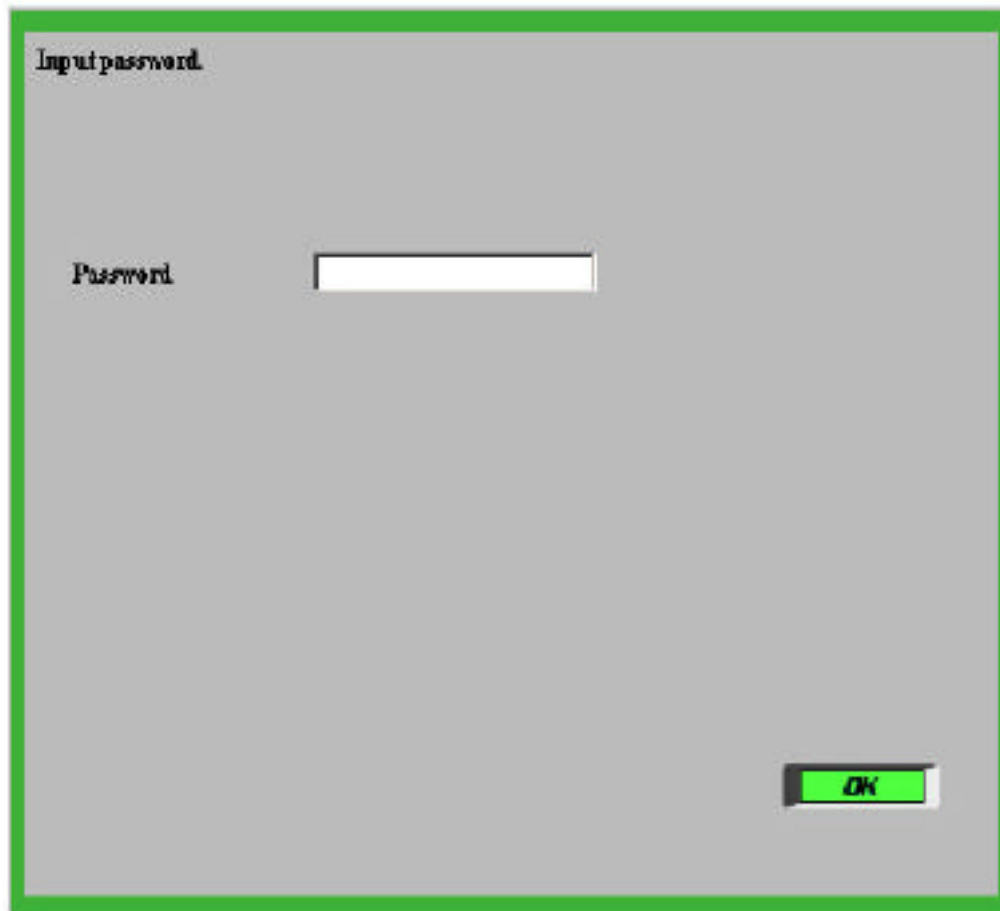
The following items are in the Maintenance Menu:

- Life Count
Displays the number of times a specific part has been operated.
- Error Count
Displays the number of times an error has occurred in a specific part.
- Sensor
Displays information about the individual sensors, DIP switches and encoder values.
- History
Logs can be viewed.
- Diagnostic
You can check whether or not the AIT library is functioning normally.
- Firmware Upload
The firmware of the LaCie AIT Library can be uploaded.

6.5.1Life Count

In "Life Count", the number of times a specific part has been operated is displayed.

- 1) In the Library Administration Menu, click "Maintenance". You can also directly click "Life Count", which is located about "Maintenance".
- 2) Enter the password, then click "OK".

A screenshot of a password input screen. The screen has a light gray background and is framed by a thick green border. At the top left, the text "Input password." is displayed. Below this, the word "Password" is shown next to a white rectangular input field. In the bottom right corner, there is a green rectangular button with the text "OK" in white.

Important Note: *Each access to the Maintenance Menu requires that the password be entered. For information about the password, refer to [6.4.4 Password](#).*

The "Life Count" page appears.

6.5.2 Error Count

In "Error Count", the number of times an error has occurred in a specific part is displayed.

1) In the Library Administration Menu, click "Maintenance", then click "Error Count". You can also directly click "Error Count", which is located above "Maintenance".



Important Note: *Each access to the Maintenance Menu requires the password to be entered. Enter the password, then click "OK". For information about the password, refer to [6.4.4 Password](#).*

The "Error Count" page appears.

Component	Error Count
Slider	0
Picker	0
Turn Table	0
Shutter	0
Fan	0
Drive	0

In the "Error Count" page, the numbers of times an error has occurred in the following specific parts is displayed:

- Slider
- Picker
- Turn Table
- Shutter
- Fan
- Drive

6.5.3 Sensor

In "Sensor", information about the individual sensors, DIP switches and encoder values are displayed.

1) In the Library Administration Menu, click "Maintenance", then click "Sensor". You can also directly click "Sensor", which is located above "Maintenance".



Important Note: *Each access to the Maintenance Menu requires the password to be entered. Enter the password, then click "OK". For information about the password, refer to [6.4.4 Password](#).*

The "Sensor" page appears.

Life Count Error Count Sensor History Diagnostic Firmware Upload					
Sensor					
Turn Table Ref	<input type="radio"/> On	<input type="radio"/> Off			
Turn Table Index	<input type="radio"/> On	<input type="radio"/> Off			
Slider Ref	<input type="radio"/> On	<input type="radio"/> Off			
Slider Pos	<input type="radio"/> On	<input type="radio"/> Off			
Picker Open	<input checked="" type="radio"/> On	<input type="radio"/> Off			
Picker Close	<input type="radio"/> On	<input type="radio"/> Off			
Shutter Open	<input checked="" type="radio"/> On	<input type="radio"/> Off			
Shutter Close	<input type="radio"/> On	<input type="radio"/> Off			
Tape In (Slot)	<input type="radio"/> On	<input type="radio"/> Off			
Tape In (Picker)	<input checked="" type="radio"/> On	<input type="radio"/> Off			
Switch					
switch01	<input type="radio"/> On	<input type="radio"/> Off			
switch02	<input type="radio"/> On	<input type="radio"/> Off			
switch03	<input type="radio"/> On	<input type="radio"/> Off			
switch04	<input type="radio"/> On	<input type="radio"/> Off			
switch05	<input type="radio"/> On	<input type="radio"/> Off			
switch06	<input checked="" type="radio"/> On	<input type="radio"/> Off			
switch07	<input checked="" type="radio"/> On	<input type="radio"/> Off			
switch08	<input type="radio"/> On	<input type="radio"/> Off			
Encoder					
Turn Table	<input type="text" value="1983"/>				
Slider	<input type="text" value="3"/>				

In the "Sensor" page, information about the following specific parts are displayed:

Sensor

- Turn Table Ref
- Turn Table Index
- Slider Ref
- Slider Pos
- Picker Open
- Picker Close
- Shutter Open
- Shutter Close
- Tape In (Slot)
- Tape In (Picker)

Switch

- switch01
- switch02
- switch03
- switch04
- switch05
- switch06
- switch07
- switch08

Encoder

- Turn Table
- Slider

6.5.4 History

In "History", the following logs can be viewed:

- Mechanical log
- SCSI log
- Error log


1) In the Library Administration Menu, click "Maintenance", then click "History". You can also directly click "History", which is located above "Maintenance".



Important Note: *Each access to the Maintenance Menu requires the password to be entered. Enter the password, then click "OK". For information about the password, refer to [6.4.4 Password](#).*

The "History" page appears.



2) Click  of the log you want to view.

Mechanical

Displays the Mechanical log. A maximum of 128 entries are displayed in this log.

SCSI

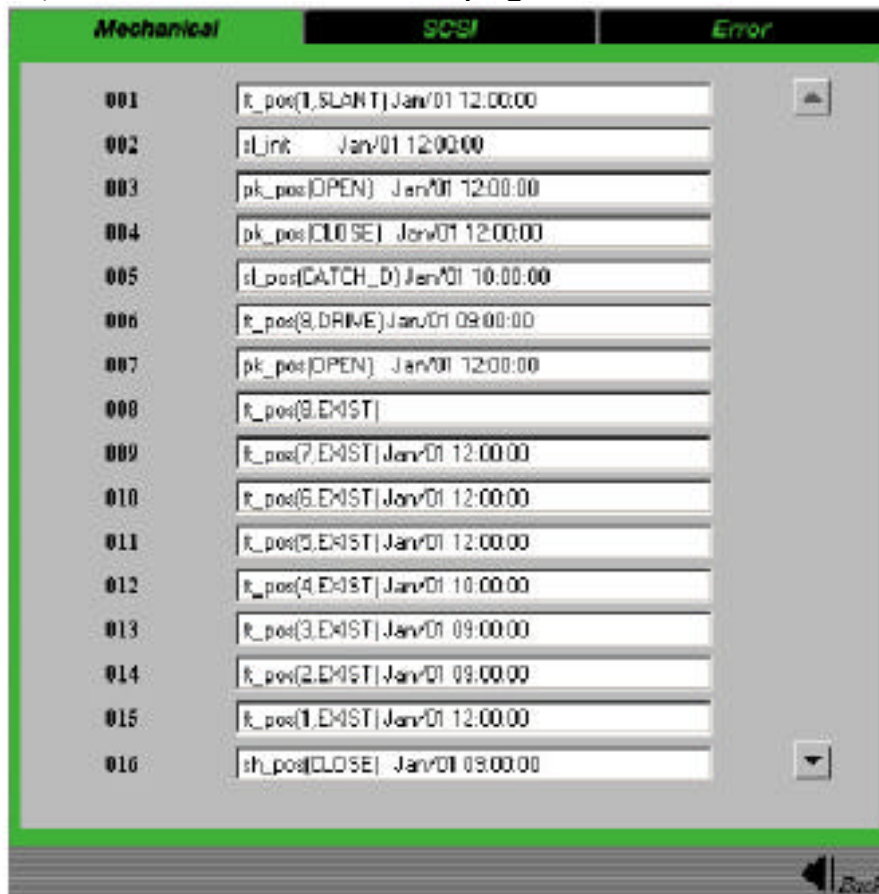
Displays the SCSI log. A maximum of 128 entries are displayed in this log.




Error

Displays the Error log. A maximum of 32 entries are displayed in this log.

The selected log page appears.

(Example) When the “Mechanical” page is selected



- Click  to display the next log, and  to display the previous log.
- Click  to return to the [History] page.

6.5.5 Diagnostic

In “Diagnostic”, you can check whether or not the LaCie AIT Library is functioning normally.

1) In the Library Administration Menu, click “Maintenance”, then click “Diagnostic”. You can also directly click “Diagnostic”, which is located above “Maintenance”.



Important Note: Each access to the Maintenance Menu requires the password to be entered. Enter the password, then click “OK”. For information about the password, refer to [6.4.4 Password](#).

The “Diagnostic” page appears.

2) Click “Execute”.

Starts diagnosing the library. When diagnosing is completed, the result of the diagnosis is displayed on “Result”.

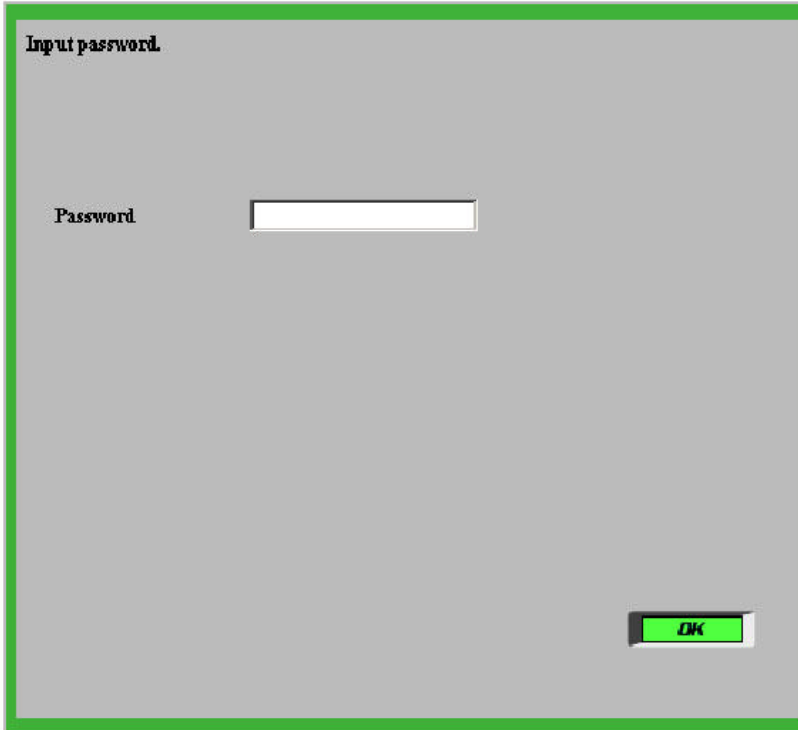
6.5.6 Firmware Upload

In the “Firmware Upload”, the firmware of the LaCie AIT Library can be uploaded. Please consult your reseller or LaCie Technical Support about uploading firmware.

1) In the Library Administration Menu, click “Maintenance”, then click “Firmware Upload”. You can also directly click “Firmware Upload”, which is located above “Maintenance”.

When you access the Maintenance Menu, the page to enter the password appears.

2) Enter the password, then click "OK".

A simple dialog box with a green border. The title is "Input password." in bold. Below the title, the word "Password" is followed by a white text input field. In the bottom right corner, there is a green button with the text "OK" in black.

Important Note: Each access to the Maintenance Menu requires the password to be entered. Enter the password, then click "OK". For information about the password, refer to [6.4.4 Password](#).

3) When the following screen appears, enter "LIB81" for "User Name" and "LIBRARY" for "Password", then click "OK".

A dialog box titled "Enter Network Password" with a blue header bar. The main text says "Please type your user name and password." Below this, there are three fields: "Resource:" with the value "LIB-81", "User Name:" with the value "LIB81", and "Password:" with masked characters "*****". To the right of these fields are two buttons: "OK" and "Cancel". At the bottom, there is a checkbox labeled "Save this password in your password list" which is currently unchecked.



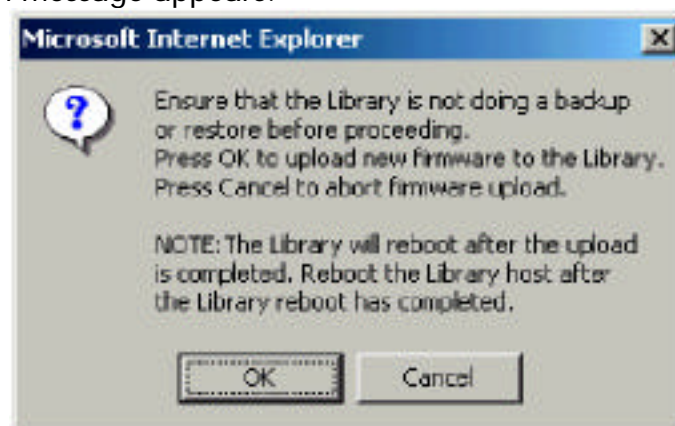
Important Note: *This screen appears only when you start your browser and access the Library Administration Menu. The confirmation performed in this screen is effective until you close your browser.*

The “Firmware Upload” page appears.

4) In the “File Name” box, enter the file name (in full path) of the firmware. Also, you can click the “Browse” button to specify the file.

5) Click “Upload”.

A Confirmation message appears.



6) Click "OK".

Starts to upload the firmware. When the upload is finished, the LaCie AIT Library restarts automatically.

7) When the LaCie AIT Library has restarted, click "Refresh" in your browser, and then make sure that the Library Administration Menu appears normally.

If the Library Administration Menu appears normally, the upload is complete.



Warning!

- *Do not turn off the power of the LaCie AIT Library while the firmware is being updated.*
- *The Library Administration Menu cannot be operated while the firmware is being updated.*

6.6 Information Menu

In the Information Menu, information about the LaCie AIT Library, the AIT drives and the cartridges can be viewed.

The following items are in the Information Menu:

- Information
Displays information related to the AIT library and AIT drives.
- Inventory
Displays information related to the cartridges.

6.6.1 Information

In "Information", the following information related to the AIT Library and AIT drives can be displayed:

- Vendor ID
- Product ID
- Revision
- Serial Number



Important Note: *Information related to the AIT library and the AIT drives can also be viewed in the Information Menu of the control panel.*

1) In the Library Information Menu, click "Information". You can also directly click "Information", which is located above "Information".

The “Information” page appears.

	Vendor ID	Product ID	Revision	Serial No
Library	[empty]	L11-61	11m0	99991999
Drive	[empty]	504-500C	110c	974817

6.6.2 Inventory

In “Inventory”, the following information related to the cartridges is displayed:


- The setting condition of the cartridges.
You can find out which slot or AIT drive the cartridge is set.
- Bar code information.
When the AIT library is equipped with a bar code reader, you can view the bar code information about the set cartridges by slots and AIT drives.
- R-MIC information.
For AIT3 cartridges, you can view the R-MIC information about the set cartridges by slots and AIT drives.




Important Note: *Information related to the cartridges can be viewed in the Tape Inventory Menu of the control panel.*

1) In the Library Administration Menu, click “Information”, then click “Inventory”. You can also directly click “Inventory”, which is located above “Information”.

The “Inventory” page appears.

Information		Inventory	
	Barcode	R-MIC	
Slot 01			
Slot 02			
Slot 03			
Slot 04			
Slot 05			
Slot 06			
Slot 07			
Slot 08			
Drive			



- For slots and AIT drives that have cartridges,  are displayed.
- When the AIT library is not equipped with a bar code reader or a cartridge with no bar code information is set, nothing is displayed.
- If a cartridge with no R-MIC information is set, nothing is displayed.

7. Appendix

7.1 If You Forget the Password

If you forget the password, you will not be able to perform configurations and operations that require the password. If you forget the password, contact your reseller or LaCie Technical Support.

7.2 Changing the Air Filter

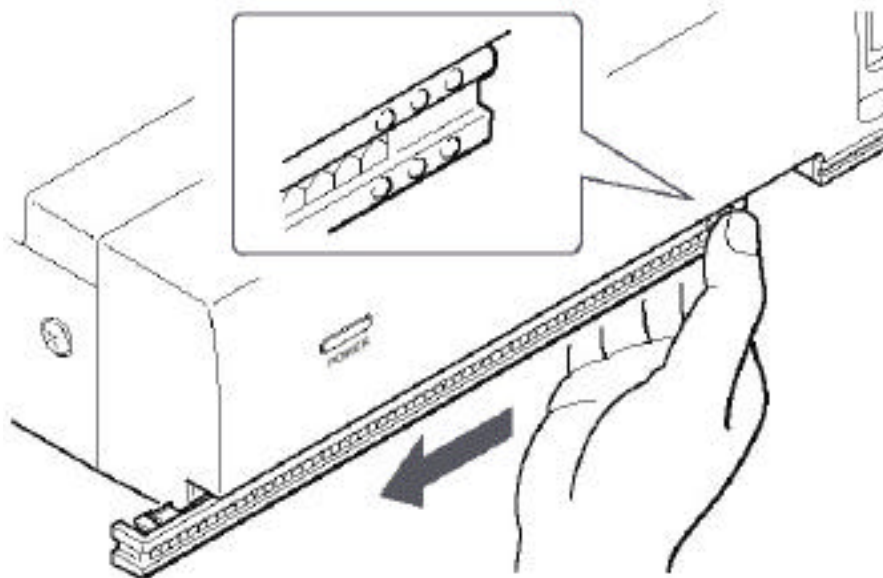
Once a year, change the air filter of the LaCie AIT Library. Contact your reseller or LaCie Technical Support if you wish to buy additional filters.

Air Filter: Model Number – ACY-FL81-OB (for Black Bezel)
ACY-FL81-OW (for White Bezel)



Important Note: *Make sure to clean the air filter once every three months.*

- 1) Prepare a new air filter.
- 2) Turn off the AIT library power.
- 3) To remove the air filter, put your finger on the rough part of the air filter port and slide the filter horizontally.



- 4) Insert a new filter.

Push it in until it clicks into place.

5) Change the other filter using the same steps.

7.3 Troubleshooting

In the event that your LaCie AIT Library is not working correctly, please refer to the following checklist to find out where the problem is coming from. If you have gone through all of the points on the checklist and your library is still not working correctly, please have a look at the FAQs that are regularly published on our Web site – www.lacie.com. One of these FAQs may provide an answer to your specific question. You can also visit the drivers pages, where the most recent software updates will be available.

If you need further assistance, please contact LaCie Technical Support (see [8. Contacting Customer Service](#) for details).

The Problem	Possible Solutions
The LaCie AIT Library does not work.	Verify that the power switch is turned on.
	Verify that the power cable is connected correctly.
	Verify that the shutter of the cartridge dock is closed.
	Verify that the terminator is attached correctly.
	Verify that the SCSI cable is correctly connected from the LaCie AIT Library to the host computer.
	Verify that the power of the host computer is on.
	Verify that an error code is displayed on the LCD panel of the LaCie AIT Library. For information about error codes, refer to 7.8 Error Code List .
	Verify that 10 seconds after restart the power is turned on.
The LaCie AIT Library and the host computer	After restarting the library, when "Error 07000001" appears, press the [CANCEL] button twice, then on the "Configuration" menu, set "Barcode" to "NO". Restart the library. When the LaCie AIT Library is not equipped with a bar code reader and the bar code setting is "YES", an error appears when the library starts or a cartridge is set.
	Verify that the SCSI IDs of the library, AIT drives and host computer are unique. Duplicate SCSI IDs

cannot communicate with each other.	cannot be used on one SCSI bus. 2.11.2 Setting the SCSI ID
	Verify that the SCSI cable is connected correctly. 2.7 Connecting to the Host Computer
	Verify that the SCSI adapter card is correctly installed in the computer.
	Verify that all the connected SCSI devices are LVD devices. The LaCie AIT Library is an LVD device. Do not connect an HDV device to the library.
	Verify that all the devices on the SCSI bus are Wide SCSI devices. The LaCie AIT Library is a Wide SCSI device. All devices on the SCSI bus must be Wide SCSI devices. (Wide-Narrow adapters can also be used.)
	Make the length of the SCSI cable, which connects the host computer and the device at the end of the SCSI bus, shorter than 10 meters (32 ft. 9.7 in.).
	Verify that the SCSI bus is terminated correctly. 7.7 SCSI Specifications
	Verify that the LaCie AIT Library supports the application software. For guidance on application software that can be used on the LaCie AIT Library and on operating systems that are supported, please contact your reseller or LaCie Technical Support.
	Verify that the application software is correctly installed and correctly setup on the host computer.
	Check whether the host computer was turned on less than 10 seconds after turning on the library. If the host computer is turned on too soon after turning on the library, the host computer may not detect the SCSI devices. When using DHCP, wait at least 30 seconds.
Data cannot be written or read, even though the application and the library are working properly.	Verify that the erase-protection tab of the cartridge is set to writable. 2.11.3 Setting the Cartridges
	Use only Sony AIT cartridges. Also check whether or not the AIT drive supports the cartridges.
	If a cartridge has been used for a long time or very frequently, replace it with a new cartridge.

	Verify that the cartridge is not damaged.
	Try cleaning the AIT drive. 5.3 Cleaning the AIT Drive
The cartridges cannot be taken out.	Follow the instructions in section 4.2.1 Taking Out the Cartridges . If you are still unable to take out the cartridge, please contact your reseller or LaCie Technical Support for assistance.
Other Issues	Verify the shutter of the cartridge dock is closed tightly.
	When you set or remove a cartridge and "Error 07000001" appears, then on the "Configuration" menu, set "Barcode" to "NO". Restart the library. When the LaCie AIT Library is not equipped with a bar code reader and the bar code setting is "YES", an error appears when a cartridge is set or ejected.
	Perform a diagnostic test on the AIT library. 6.5.5 Diagnostic

7.4 Transporting the LaCie AIT Library

If you are transporting the LaCie AIT Library for any reason, such as moving offices or repairing the library, make the following precautions:

- When packing, perform the unpacking procedure in [2.2 Unpacking](#) in reverse. Be sure to fasten the transport screw.
- Take out all the cartridges set in the library. If the cartridges cannot be taken out by operating the control buttons, refer to [7.3 Troubleshooting](#) – "The cartridge cannot be taken out".
- In order to turn off the power to the LaCie AIT Library, first press the front power standby switch, then press the power switch on the rear. When the power standby switch is pressed, the internal mechanism moves to the appointed position, then the power enters the standby state.
- Remove all the cables, such as the power cable, the SCSI cable, the terminator and the network cable.

7.5 Hardware Specifications

7.5.1 Hardware

AIT Drive

LIB-81/A1: SDX-400C/L (1)

LIB-81/A2: SDX-500C/L (1)

LIB-81/A3: SDX-700C/L (1)

Number of drives that can be installed

One drive

Number of cartridges that can be set

Maximum 8 volumes

Data transfer rate

	Native	DC
AIT3	12MB/s	24MB/s
AIT2	6MB/s	12MB/s
AIT1	4MB/s	8MB/s

LCD Panel

21 characters x 4 rows

LED

Two lamps

External connectors

SCSI	Ultra 160/m Wide LVD SCSI (2)
Ethernet	10Base-T/100Base-TX (RJ-45) (1)
RS232C	D-sub 9 pin (1, unused)

Operating environment

Temperature:	10° C to 35°C
Density:	20% to 80%
	(Avoid condensation)

Power

AC240 V to 100 V +10%/-10% (50/60Hz)

Power consumption

AIT1 Model	50W (Max)
AIT2 Model	50W (Max)
AIT3 Model	55W (Max)

External Dimension

430 (W) x 43 (H) x 660 (D) mm
16.9 (W) x 1.7 (H) x 26.0 (D) in.

Mass

13.5 kg (29.8 lb.)

7.5.2 Memory Capacity

With data compression

AIT3 Cartridge:	1.6TB (native)
AIT2 Cartridge:	0.8TB (native)
AIT1 Cartridge:	0.56TB (native)
(When data compression is 2:1)	

Please note: Due to constant improvements, the specifications and outward appearance of the LaCie AIT Library may change without prior announcement.

7.6 SCSI Cable and Terminator Specifications

7.6.1 SCSI Cable

For impedance and primary conductor, use an Ultra Wide LVD SCSI cable that conforms to SCSI-3 specifications. However, when using a model equipped with an AIT3 drive, use an Ultra 160/m SCSI LVD cable.

7.6.2 SCSI Cable Length

The total allowable length of SCSI cables used in one LVD SCSI bus is as follows (this length includes the length of all internal and external cables):

- The length of the AIT library internal cable is 2 meters (78.7 in.).
- If there are more than three devices on an LVD SCSI bus, the total allowable length is 12 meters (39 ft. 4.4 in.).

7.7 SCSI Specifications

This section describes common specifications of SCSI components and SCSI buses.

7.7.1 About SCSI Components

The SCSI system is composed of the following components:

- Initiator
This is a host computer system that functions as an initiator program of commands. The system consists of the application software, the operating system, the device driver and the SCSI adapter card.
- Bus
By connecting the SCSI cables to the SCSI adapter card, the library and other devices, a path (or a bus) is created for transferring commands.
- Targets
The LaCie AIT Library and the AIT drive are peripheral devices (or targets) that receive commands from the host computer. Up to 16 devices

(including the host computer) can be connected to the Wide SCSI bus. Also, up to 8 devices can be connected to the Narrow SCSI bus.

7.7.2 About SCSI Bus

When you are setting up the LaCie AIT Library using a SCSI bus, please note the following precautions:

LVD SCSI

The LaCie AIT Library is an LVD SCSI device. All SCSI devices connected to the LaCie AIT Library on the SCSI bus must be LVD SCSI devices.

Wide SCSI

The interface of the LaCie AIT Library is Wide SCSI. In order to connect the LaCie AIT Library to a Narrow SCSI bus, use a 50-pin to 68-pin LVD SCSI adapter. Also, make sure every unused data line is terminated by an adapter.

SCSI ID

Set a unique SCSI ID for each device on a SCSI bus. The host computer uses these SCSI IDs to differentiate between the devices. Also, the SCSI IDs are used to prioritize the order of communication when several devices are communicating with the host computer. The lower the ID number, the lower the priority it has.



Warning! *The SCSI ID of a device has nothing to do with its physical location. For example, in a SCSI bus that has multiple devices connected to it, the SCSI ID of the last device can be 2.*

SCSI Bus Termination

If the LaCie AIT Library is the device connected to the end edge of the SCSI bus, you must attach a terminator to the unused SCSI connector to terminate the SCSI bus. Now, the LaCie AIT Library can supply electric power to the terminator. For information about details, refer to **2.8 Setting the DIP Switches**.

7.8 Error Code List

When an error occurs in the LaCie AIT Library, an error code appears on the LCD panel. The following is a list of error codes that are displayed on the LCD panel. When an error code appears, contact your reseller or LaCie Technical Support.

Changer Manager Errors

Error Code	Description
01000031	An internal error occurred in the library.
01000032	An internal error occurred in the library.
01000033	Access attempted to a non-existent AIT drive. The AIT drive may not be connected properly.
01000041	Fan malfunction.

NVRAM Driver Error

Error Code	Description
02000001	An internal error occurred in the library.
02000002	Could not read/write NvRAM.

Mechanical Manager Error

(Byte2:Axis, Byte1:Class, Byte0:SubClass)

Error Code	Description
03010101	PickerAxis Timeout occurred during Close Sensor Low Wait.
03010201	PickerAxis Timeout occurred during Open Sensor Low Wait.
03010A01	PickerAxis Tape Check Sensor Error.
03010901	Picker sensor malfunction.
03020101	SliderAxis Timeout occurred during Origin Sensor Low Wait.
03020102	SliderAxis Timeout occurred during Origin Sensor High Wait.
03020201	SliderAxis Timeout occurred during Position Sensor Low Wait.
03020202	SliderAxis Timeout occurred during Position Sensor High Wait.
03020501	SliderAxis Destination not reached.
03020601	SliderAxis Fine tuning not possible.
03020701	SliderAxis Cartridge cannot be removed.
03020801	SliderAxis Cartridge not properly inserted in the drive.
03050101	TableAxis Timeout occurred during Origin Sensor Low Wait.
03050102	TableAxis Timeout occurred during Origin Sensor High Wait.
03050201	TableAxis Timeout occurred during Position Sensor Low Wait.
03050202	TableAxis Timeout occurred during Position Sensor High Wait.
03050401	TableAxis The Position Sensor is not normal.

Mechanical Manager Error
(Byte2:Axis, Byte1:Class, Byte0:SubClass) (Continued)

Error Code	Description
03050402	TableAxis The Position Sensor is not normal. (Origin was not detected.)
03050501	TableAxis Destination not reached.
03050601	TableAxis Fine tuning not possible.
03060101	ShutterAxis Timeout occurred during Close Sensor High Wait.
03060201	ShutterAxis Timeout occurred during Open Sensor Low Wait.
03060901	Shutter sensor malfunction.

Mechanical Control Errors

Error Code	Description
04000002	MechaCon Parameter is incorrect.
04000003	MechaCon Aborted.
04000004	MechaCon More than 8 tape volumes present. Remove extra cartridges from the library.
04000005	MechaCon Cannot detect tape.
040000A0	MechaCon Element address is incorrect.
040000A1	MechaCon Element address does not exist.

AIT Drive Errors

Error Code	Description
06000001	The drive status is not normal.
06000002	The drive SCSI ID was not properly set.

Barcode Errors

Error Code	Description
07000001	A communication error occurred in the barcode reader.
07000002	A read error occurred in the barcode reader.

R-MIC Error

Error Code	Description
08000004	A R-MIC error occurred.

Ethernet Error

Error Code	Description
09000001	An Ethernet error occurred.

7.9 Other Messages

Warning Message	Description
Cleaning Request	Refer to 5.3 Cleaning the AIT Drive .

When one of the following messages appears, contact your reseller or LaCie Technical Support:

Warning Message	Description
Threshold Condition Turn Table	Maximum number of turn table operations exceeded.
Threshold Condition Slider	Maximum number of slider operations exceeded.
Threshold Condition Picker	Maximum number of picker operations exceeded.
Threshold Condition Shutter	Maximum number of shutter operations exceeded.
Threshold Condition Drive Load	Too many cartridges loaded in the drive.
Threshold Condition Fan	Maximum number of fan during operation operations exceeded.
Fan 1 Trouble	Fan 1 revolving below specifications.
Fan 2 Trouble	Fan 2 revolving below specifications.
Fan 3 Trouble	Fan 3 revolving below specifications.
Fan 1-3 Trouble	Fan 1, Fan 2 and Fan 3 revolving below specifications.
Drive Information XX	Drive error code. For information about error code, contact your reseller or LaCie Technical Support.

8. Contacting Customer Support

Before You Call Technical Support

- 1) Read the manuals and review the Troubleshooting section.
- 2) Try to isolate the problem. If possible, make the drive the only external device on the CPU, and make sure all cables are correctly and firmly attached.

If you have asked yourself all of the pertinent questions in the troubleshooting checklist, and you still can't get your LaCie drive to work properly, call us directly using the number below. Before calling, make sure that you are in front of your computer and that you have the following information on hand:

- 1) Your drive's serial number
- 2) Computer brand and model
- 3) Operating system and version (Mac OS or Windows)
- 4) Amount of memory installed
- 5) Names of CD or DVD drives installed on your computer
- 6) Names of any other devices installed on your computer

Technical Support Help Hours

LaCie Australia <ul style="list-style-type: none"> Monday through Friday, 9:30AM – 5:30PM EST Contact Us At: Technical Support: <ul style="list-style-type: none"> (61)2 9669 6900 phone support.au@lacie.com 	LaCie Belgium <ul style="list-style-type: none"> Monday through Friday, 9AM – 5PM Contact Us At: Technical Support: <ul style="list-style-type: none"> 32 (0) 2 639 14 71 support.be@lacie.com
LaCie Canada <ul style="list-style-type: none"> Monday through Friday, 9:30AM – 5:30PM EST Contact Us At: Technical Support: <ul style="list-style-type: none"> (416) 530 2545 phone (416) 530 2546 fax support.ca@lacie.com 	LaCie Denmark <ul style="list-style-type: none"> Monday through Friday, 9AM – 5PM Contact Us At: Technical Support: <ul style="list-style-type: none"> 45 70 27 65 43 support.nordic@lacie.com
LaCie France <ul style="list-style-type: none"> Monday through Friday, 9AM – 5PM 	LaCie Germany <ul style="list-style-type: none"> Monday through Friday, 9AM – 5PM

<p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 33 (0) 1 69 32 84 23 • support.fr@lacie.com 	<p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 49 (0) 211 30 121-111 • support.de@lacie.com
<p>LaCie Italy</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 6PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 39 02 89 14 09 20 • support.it@lacie.com 	<p>LaCie Japan</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 5PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 81 3 5733 2205 • support.jp@lacie.com
<p>LaCie Netherlands</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 5PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 31 (0) 713 326 833 • support.nl@lacie.com 	<p>LaCie Nordic (Finland, Norway and Sweden)</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 5PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 46 (0) 8 411 60 02 • support.nordic@lacie.com
<p>LaCie Spain</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 2PM, and 4PM – 7PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 34 91 323 83 11 • soporte@lacie.com 	<p>LaCie Switzerland</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 5:30PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 41 (0) 61 386 80 45 • support.ch@lacie.com
<p>LaCie United Kingdom & Ireland</p> <ul style="list-style-type: none"> • Monday through Friday, 9AM – 5PM <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 44 (0) 20 7872 0872 • support.uk@lacie.com 	<p>LaCie USA</p> <ul style="list-style-type: none"> • Monday through Friday, 6AM – 6PM PST <p>Contact Us At: Technical Support:</p> <ul style="list-style-type: none"> • 503-844-4503 phone • 503-844-4505 fax • support@lacie.com

8.1 Warranty

LaCie warrants your drive against any defect in material and workmanship, under normal use, for the period designated on your warranty certificate. In the event this product is found to be defective within the warranty period, LaCie will, at its option, repair or replace the defective hard drive.

This warranty is void if:

- The drive was operated/stored in abnormal use or maintenance conditions;
- The drive is repaired, modified or altered, unless such repair, modification or alteration is expressly authorized in writing by LaCie;
- The drive was subjected to abuse, neglect, lightning strike, electrical fault, improper packaging or accident;
- The drive was installed improperly;
- The serial number of the drive is defaced or missing;
- The broken part is a replacement part such as a pickup tray, etc.
- The tamper seal on the hard drive casing is broken.

LaCie will not, under any circumstances, be liable for direct, special or consequential damages such as, but not limited to, damage or loss of property or equipment, loss of profits or revenues, cost of replacement goods, or expense or inconvenience caused by service interruptions.

Under no circumstances will any person be entitled to any sum greater than the purchase price paid for the drive.

To obtain warranty service, call LaCie Technical Support. You may be asked to furnish proof of purchase to confirm that the drive is still under warranty.

All drives returned to LaCie must be securely packaged in their original box and shipped with postage prepaid.